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Lancaster Farming

VOL. 15 NO. 22 Lancaster Farming, Saturday, April 25, 1970 $2.00 Per Year

# Eastern Milk Coop Holds Banquet

Robert E Martin, New Holland RD1, was re-elected president of the New Holland local of the Eastern Milk Producers Cooperative Association at a banquet recently at Blue Ball Fire Hall.

The banquet was attended by Freeburn Love, East Waterford president, and John York, general manager, who was speaker.

Other officers elected were: Wilmer Benner, Denver RD1, vice president Melvin Weaver, Lititz RD1, secretary; Leroy Smucker, New Holland RD1, treasurer; Paul Burkhart, Manheim RD3, delegate, and Enos Weaver, Kinzers RD1, alternate delegate. Only new officers were Benner and Enos Weaver.

In addition, Alfred Wanner, Narvon RD2, was introduced as a candidate for director of a new district being created by Eastern to cover Lancaster and Chester Counties and part of Delaware It will be the 15th district Overall, there are about 200 locals such as New Holland and a membership in Eastern of about 9 000, it was reported

Wanner said, 'Marketing is becoming more and more important We have to turn to a cooperative of some kind and I think Eastern is the one"

In his talk, York covered a wide range of topics and issues relating to the milk industry These included federal policy relating to milk, general problems of milk marketing, including an over-supply of milk in the Northeast, difficulties farmers have in maintaining an orderly market in the face of closing of many milk processing plants, and efforts by Eastern to insure markets for farmers

York reported he expects the blended price for milk in 1970 to run about 15 to 20 cents higher than in 1969

He also noted that Eastern Milk Producers has spent $45,000 on scholarships in recent years

A general problem of agriculture and the dairy industry, York said, is that "we have a consumer oriented economy"

He continued, "The Department of Labor glamorizes the rising cost to consumers, but the Department of Agriculture doesn't play up the rising costs to farmers Somebody has to tell consumers that if we don't have a healthy agriculture we won't have a healthy urban area as well"

He also said, "The Department of Agriculture doesn't seem to have the interest in farmers we think it should have"

He indicated that metropolitan newspapers are running stories on the high cost of living based on Department of Labor statistics, but is not getting off-setting cost figures from the Department of Agriculture

He noted that Eastern has "been fighting Washington for appropriations for the school lunch program A study in Rochester (N Y) showed six to eight per cent of the milk is sold in the schools

While daddy and mommy listened to all the talk about milk at the Eastern banquet, these little girls had to entertain themselves as best they could. They were somewhat restless and inclined to eye things closely, but well-behaved. Cute little milk drinkers, wouldn't you say?

John C. York

"This affects the sale of class one milk and therefore the rate of pay to milk producers We *hope to get these school milk* programs continued because this is essential to you"

Many farmers have been losing their milk markets as milk processors go out of business in recent years and, as a result, a major function of Eastern has been to find new markets By mid-April Eastern was faced with finding new or alternative markets for 150 dairymen York said

He indicated the trend to fewer processing plants will continue (A major move in this direction was the recent closing of many facilities by Bordens) A hearing is pending in New York because they won't expand their bonding he said

He thinks there will be some problems in the future and "that's why Eastern is here" While Eastern is taking on additional responsibilities, costs have gone up and a one cent across the board increase in the firm's fees may be necessary, he said.

He noted the move underway to make dairymen participate in marketing promotion A referendum on this issue was defeated in Pennsylvania and it is uncertain, he indicated if it will be revised Such a proposal was defeated in Minnesota

Eastern favors what York terms a "positive letter" in which farmers are sent a letter If they keep the letter they agree to participate in a marketing program, if they return the letter, they refuse to participate

York noted that the new federal milk order for Philadelphia which puts Baltimore, Washington and Philadelphia in one market, will probably become effective in the near future and "can have a long range bearing" on milk marketing A clause in the new order says if farmers are not in a cooperative the feds deduct a sum and perform certain services, but if the farmer is a member of the co-operative, *the cooperative* performs these services

On the contrary he said, New York has coop payments and Eastern is opposed to that (New Holland farmers market milk in New York's older two.) Some coops wanted market service payments of five cents and other payments of two cents for the Philadelphia area, but Eastern successfully opposed that, he said

Speaking on the factors that make milk marketing a complicated process, York said, "Milk is hard to store, it can't be transported far there is a seasonal pattern of production and sales, and varying sanitary requirements Milk is an extremely complicated product to market and a lot of people don't appreciate this"

In the New York market last

(Continued on Page 9)

## Farm Calendar

**Saturday, April 25**

14th annual Mennonite Tri-County Relief Sale, Twin Slope Farmer's Market West of Morgantown

**Tuesday, April 28**

6 15 p m —Sew Smart, Channel 33.

**Wednesday, April 29**

7 00 p.m —Area FFA public speaking parliamentary procedure contests, Garden Spot High School, New Holland

**Thursday, April 30**

6 15 p m —Sew Smart, Channel 33.

6 30 p m —Joint bee keeper-fruit grower meeting managing bees for orchard pollination

8 00 p m —4-H officers' training and new leader orientation, Farm and Home Center.

**Saturday, May 2**

Lanchester Pony Club Horse Show, John Gibson Farm, Drumore.

# Why Aren't You Getting 150 Bushels of Corn Per Acre?

Mr. Farmer, are you producing 150 bushels of dry shelled corn or 30 tons of corn silage per acre?

If not, you should be, according to Charles Ackley, Ephrata High School vo-ag teacher

At least that's what Ackley recently told Ephrata Young Farmers.

Said Ackley, 'The common corn yield in our area at this time should be 150 bushels of dry shelled corn or 30 tons of corn silage per acre Is this an average yield on your farm?

"If your answer is yes, keep up the good work and continue to strive toward higher possible yields

"Also, share your management practices with your many neighbors who end up with much lower yields!"

Ackley advised the following practices and steps for increasing yields to the 150 bushel-30 ton level

Take a soil test and follow all recommendations

Select an adapted hybred and seed 18,000 plants per acre

Use minimum tillage practices.

Plant when soil temperature reaches 50 degrees (May 1-10)

Plant one inch deep in cold, wet, and heavy soils and 3 inches deep in warm, dry, and light soils

Use proper planter plates and a planter that is kept in good condition

Consider 20-30 inch rows for populations over 18,000 plants per acre

Operate planter under four miles per hour

Use recommended weed and insect controls as needed Destroy old corn stalks in the Fall

Obtain a Penn State "1970 Agronomy Guide" from the county agent and study the recommended practices.

## Ayrshire Convention Has Large Attendance

The National Ayrshire Convention in Lancaster County April 14-16 had the largest attendance of any convention in the past five years, with 300 attending the banquet and a total of about 400 participating in various segments of the convention, Milton Brubaker, a Lititz Ayrshire farmer, reported.

Among actions of importance to state farmers at the convention was the election of Bob Craig, owner of Craayr Farm, Waynesboro, as region 3 director Region three includes Pennsylvania, Maryland, New Jersey and Delaware The Penn State graduate replaces Clifford Rice of Reedsville, who stepped down

Ardrossan Farms, Villanova, won the second Place French Trophy for high Ayrshire herd production in the nation in the 100 cows or over category.

# MARKET NEWS REPORT

## At Lancaster Yards

### Weekly Review

**April 23, 1970**

CATTLE 2900 — Compared to last weeks close, Slaughter steers uneven, high Choice and Prime steady to 25 lower, other grades steady to strong, instances 50 higher on low Choice, Cows 50 1 00 higher Bulls steady to weak, few sales Feeder Steers steady Supply included an estimated 55 percent Slaughter Steers, 20 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS—High-Choice and Prime 1075 1325 lbs 31 85-33 25, Choice 950 1400 lbs 30 50 32 50, high Good and low-Choice 29 50 31 60 Good 27 00-29 75 Standard and low Good 24 50 27 60

COWS — Utility and high dressing Cutter 23 25 25 00, few 25 10 25 35 Cutter 22 75 24 00 few on Monday 21 00-21 50

BULLS — Choice 28 50 30 00 Good 26 50 28 75 utility and Commercial 27 25 29 75, few head 30 00 31 00

FEEDER STEERS — Load Choice and Prime 425 lbs 41 00 two loads Choice and Prime 635 lbs 38 00 Choice 950 1125 lbs 29 00 30 85

CALVES 500 — Vealers mostly steady

VEALERS — Choice 51 00 53 50, few 55 00 56 00 Good 47 50 52 00 Standard 43 00 49 00 Utility 35 00-43 00 Cull 29 00 34 00

HOGS 1050 — Barrows and Gilts 50 lower

CLOSING SALES, BARROW AND GILTS—US 1 210-235 lbs 26 00-26 35, US 1 2 210-230 lbs 24 85-25.10; US 2-3 210-240 lbs 24 35 24 75, 240 260 lbs 24 10-24 50

SHEEP 500 — Spring Lambs mostly steady, Wooled Lambs scarce Ewes steady Supply included around 30 percent 30 50 lb Spring Lambs sold to the Greek Easter trade

SPRING LAMBS — Choice 60-95 lbs 32 00 38 00 Choice 25-60 lbs 40 00-48 00, several on Monday 48 00-60 00

SHORT LAMBS — Choice 90 00 lbs with #1 pelts 28 00-29 00

WOOLED LAMBS — One lot Choice 85 lbs 30 00 Good 60 80 lbs 26 00-28 00

SLAUGHTER EWES—Utility and Good 5 00 11 00

### Auction Only

**April 22, 1970**

CATTLE 1175 — Compared to Monday, Slaughter Steers steady to 25 lower, instance 50 lower on average-Choice and Prime, Cows 50-1 00 higher, Bulls steady to weak

SLAUGHTER STEERS — High-Choice and Prime 1075 1325 lbs 31 85 32 60, Choice 950-1400 lbs 30 50-32 25; high Good and low-Choice 29 50 31 60, Good 27 00 29 75, Standard and low Good 24 50 27 60,

COWS — Utility and high dressing Cutter 23 25 25 00, few 25 10-25 35, Cutter 22 75 24 00

BULLS — Choice 28 50 29 25, Good 26 50 28 60, Utility and Commercial 27 25 29 75, few 30 35-31 10

FEEDER STEERS — Choice 950-1125 lbs 29 00 30 85

CALVES 130 — Vealers mostly steady

(Continued on Page 3)

## Vintage Auction

**April 21, 1970**

CATTLE 940 — Compared to last Tuesday, Slaughter Steers weak to mostly 50 lower, Cows 50 1 00 higher, Bulls weak to 50 lower Supply included 24 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 1000 1275 lbs 32 00 32 85, eight head 33 00-33 75, Choice 950-1350 lbs 30 00-32 00 few Choice yield grade grade 2 3 32 00 32 75; high Good and low-Choice 28 50 30 50, Good 27 50-30 00, Standard and low-Good 26 00-28 50

SLAUGHTER HEIFERS — Few Good and Choice 650 900 lbs 26 50-29 35

COWS — Utility and high-dressing Cutter 22 75-24 50, few 24 50 25 00, Cutter 21 50 23 50, Canner and low-Cutter 20 00 21 50

BULLS — Choice 28 50-30 00, few head 30 00 31 00, Good 27 00-28 75 Utility and Commercial 27 00 29 50, few 30 00 31 00, Cutter and low Utility 25 50 27 00

CALVES 384 — Vealers uneven, Good and Choice 1 00-2 00

(Continued on Page 3)

## New Holland Auction

**April 23, 1970**

CATTLE 1026 — Compared to last Thursday, Slaughter Steers weak to mostly 50 lower, instances 75 lower on weights over 1250 lbs; Cows strong to 50 higher, lease advance on Utility, Bulls steady to 50 lower, with least decline on high Choice

SLAUGHTER STEERS — Choice 950-1250 lbs 30 35 32 25, few high Choice and Prime 1100-1250 lbs 32 00 32 60, Choice 1250-1375 lbs 29 85 31 25, high-Good and low-Choice 28 75 30 75, Good 27 50 30 00, Standard and low-Good 25 50 28 75

COWS — Utility and high-dressing Cutter 22 75-24 85, few 25 00-25 85, Cutter 22 00-24 25 Canner and low Cutter 20 75-22 00

BULLS — Choice 28 50 30 00, six head 30 25 31 50 Good 27 25 29 00, Utility and Commercial 23 75-29 50, few 29 75 30 85

FEEDER STEERS — Few Choice 950 1100 lbs 29 35-29 85 few Good 800 985 lbs 27 50 27 85

CALVES 310 — Vealers uneven Good and Choice 2 00 4 00 lower, Utility to Standard mostly steady The 85-120 lb. Calves return to farm sold higher.

VEALERS — Choice 51.00-53 00, Good 47.00-51 00; Standard 43 00 48 00; Utility 38 00-43.00, few Cull 90-120 lbs. 30.00-35 00

CALVES RETURN TO FARM — Bulk of the 90-120 lb. 39.00-45 00, with several at 47.00-51.00,

SHEEP 56 — Spring Lambs comprised the bulk of the supply, and they sold mostly steady.

SPRING LAMBS — Spring Lambs Choice 30-55 lbs. 45.00-52 00, couple lots Good 35 lb. 32 50-35 00

SLAUGHTER EWES—Utility and Good 7 00-10 50.

**COWS**

**April 22, 1970**

Receipts of 195 cows and 13 Heifers sold steady. Fresh Holstein 450-1000, Guernseys 305-360, Other Breeds 275-325; Heifers 75 295

**HORSES**

**April 20, 1970**

Receipts of 334 horses sold stronger on Riding Horses. Riding Horses 110-350; Driving Horses 145 350, Work Horses (single) 175-350, Mules (single) 135 240. Pony Mares 20-35, Geldings 15 30, Killers 9-10.

**HOGS**

**April 20, 1970**

Receipts totaled 1176 on Mon-

(Continued on Page 7)

## FUTURES TRADING

(Closing bids as of Thursday, April 23, 1970)

| | Chicago Cattle | Chicago Hogs | New York Maine Potatoes | Chicago Fresh Eggs |
|---|---|---|---|---|
| May | | | 4.08 | 34.40 |
| June | 30.90 | 27.75 | | 34.45 |
| July | | 27.47 | | 34.50 |
| August | 30.90 | 26.07 | | |
| September | | | | 35.25 |
| October | 30.37 | | | 33.65 |
| November | | | 2.46 | 36.15b |
| December | 29.90 | 23.05 | | 36.25 |
| January 71 | | | | 34.80 |
| February | 29.85 | | | |

a-asked b-bid n-nominal

Cattle are stronger, Hogs are stronger, Potatoes are steady, Eggs are stronger

## Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, April 23, 1970, are as follows

| | Bid* | Offered |
|---|---|---|
| Corn (ear) | $39 67 | $43 33 |
| Corn (shelled) | 1 43 | 1 57 |
| Oats | .75 | 83 |
| Barley | 1 05 | 1 23 |
| Wheat | 1 44 | 1 64 |

*Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

## Chicago Cattle

### Weekly Review

Compared with last weeks close, Slaughter Steers over 1150 lbs. 25-75 lower, under 1150 lbs. steady to 25 lower. Slaughter Heifers steady, Cows 25-50 higher and Bulls steady. Receipts 75 per cent Slaughter Steers and 20 per cent Slaughter Heifers with the balance mostly Cows Overall finish of Steers not as attractive as last week with only 12 per cent

(Continued on Page 3)


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Stevens 733-2153 Leola 656-7630

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These questions are researched, in depth, in the Special Situation Report just prepared by our Commodity Research Department.

Cattle

Strong as Bulls?

Beef production so far has run behind expectations. Is an increase in sight? Will it take the steam out of cattle strength? Prompt any sell-off in futures?

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Kenneth E. Hershey, Sales Manager

# Weekly Poultry Report

## Eastern Pennsylvania And New Jersey

Prices of light type hens held unchanged. Demand generally light and unaggressive as processors continue operating at or near capacity Offerings irregularly distributed ranging light in Pennsylvania to ample from other sections Offerings of heavy type hens adequate for a fair call following the Passover Holiday period. Prices paid at farm· Light Type Hens 7-8½ M 8c. Heavy Type Hens Tfewr

## Delmarva

Ready-to-cook movement fair on prior commitments but unaggressive on new business Offerings fully adequate to ample Less-than-trucklot prices trended lower in instances within unchanged ranges. Advance interest fair however trading too limited to report prices Live supplies irregular ranging fully adequate to short Undertone unsettled.

Pool trucklot prices for Thursday arrival at terminal markets U.S Grade A 29 31½ M 29½c, Plant Grade 28 29 M 28 28½c Special packs including 1¾ 2, 3½ ± sizes Tfewr

Try A Classified Ad
It Pays!

## Fogelsville

April 21, 1970

(Prices paid dock weight, cents per lb, except where noted)

HENS, Heavy Type 8 24 mostly 14½ 22, PULLETS 21 32 mostly 28 32, ROASTERS 11½-35 mostly 30 33, DUCKS 35 45½ mostly 38 45½, TURKEYS, Toms 20 21½, TURKEYS, Hens 33 35½; RABBITS 32-70 mostly 50 62; GUINEAS 92-99, PIGEONS (Per Pair) 50 3 02½ mostly 1 22½-1 40

TOTAL COOPS SOLD 544.

## ● Chicago

(Continued from Page 2)

Prime and 78 per cent Choice compared with 14 per cent Prime and 73 per cent Choice a week ago and 11 per cent Prime 77 per cent Choice a year ago Average cost and weight of Slaughter Steers estimated at 31 75 and 1190 lbs and 31 66 and 1202 lbs last week and 30-96 and 171 lbs a year ago Heifer Supply largely high-Good to Prime weighing 850-1050 lbs Average cost of Heifers estimated to be near 30 45 this compares with 29 01 a year ago

SLAUGHTER STEERS — Prime 1200-1450 lbs Yield Grade 3 and 4 32 75 33 25, around dozen loads at 33 25 on Monday, High-Choice and Prime 1150-1400 lbs 32 00 32 75, Choice 950-1400 lbs Yield Grade 2 to 4 31 25 32 50, mixed Good and Choice 30 25 31 25 Good 28 50 30 25, Standard and low Good 27 00 28 50

SLAUGHTER HEIFERS — High Choice and Prime 900 1100 lbs Yield Grade 3 and 4 31 50 31 75, Choice 850-1050 lbs Yield Grade 2 to 4 30 50 31 50, Mixed Good and Choice 29 00 30 50, Good 27 00 29 00

## ● Vintage

(Continued from Page 2)

lower, Cull to Standard steady to weak

VEALERS — Choice 50 00 53 00, few 53 00 54 50 Good 47 00 52 00, Standard 43 00 48 00 Utility 35 00 42 00 Cull 90 120 lbs 32 00 36 00, 65 85 lbs 29 00 31 00

HOGS 706 — Barrows and Gilts mostly 1 00 lower.

BARROWS AND GILTS — US 1 210 225 lbs 25 75 25 85, US 1 2 200 240 lbs 24 85 25 25, US 2 3 200 250 lbs. 24 35 24 85, 190-200 lbs 24 00-24 35, US 3 4 235-260 lbs 23 25-24 25, 260-290 lbs 22 00-23 00, 50 head 300 330 lbs. 18 00-19.00.

SHEEP 246 — Supply mainly Spring Lambs selling fully steady, Ewes mostly steady.

SPRING LAMBS — Choice 25 60 lbs 40 00 47 00, around 30 head Choice and Prime 35 45 lbs 50 00 57 00, Choice 70 90 lbs 33 00 37 00

SLAUGHTER EWES — Utility and Good 5 00 9 00.

## Federally Inspected Livestock Slaughter

(For week starting April 20, 1970)

| | Cattle | Hogs | Sheep |
|---|---|---|---|
| Week to date | 457,000 | 1,133,000 | 158,000 |
| Same period last week | 454,000 | 1,242,000 | 169,000 |
| Same period last year | 438,000 | 1,249,000 | 161,000 |

Estimated daily livestock slaughter under Federal Inspection.

# Weekly New York Egg Mkt.

(From Monday April 20 to Friday April 24 1970)

| | Mon. | Tues. | Wed. | Thurs. | Fri. |
|---|---|---|---|---|---|
| **WHITE** | | | | | |
| Fcy Ex Lg | 40 41 | 40 41 | 40½ 41½ | 40½ 41½ | 40½ 41½ |
| Fcy Large | 38 | 38 | 38 38½ | 38 38½ | 38 38½ |
| Fcy Mediums | 33½ | 33½ | 32 33 | 32 33 | 31 32 |
| Fcy Pullets | 29 | 29 | 28 29 | 28 29 | 28 |
| Fcy Peewees | 19 | 19 | 19 | 19 | 19 |
| **BROWN** | | | | | |
| Fcy Large | 40 | 40 | 41 | 41 | 41 |
| Fcy Mediums | 33½ | 33½ | 32 33 | 32 33 | 31 32 |
| Fcy Pullets | 29 | 29 | 28 29 | 28 29 | 28 |
| Fcy. Peewees | 19 | 19 | 19 | 19 | 19 |
| Standards | 35 | 35 | 35 | 35 | 35 |
| Checks | 22 | 22 | 22 | 22 | 22 |

Trend Trade purchasing very irregular West Coast firm, but ample to surplus supply available elsewhere Retail movement generally off

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# New York Eggs

Prices fractionally higher on large and fractionally lower on mediums Street trading irregular and generally light with best call noted at out of town points Receipts light to moderate and mainly from Southern and nearby areas Offerings for immediate shipment at country points plentiful on mediums, fully adequate on large with some receivers attempting to place as much as possible into outside locations Local floor stocks of mediums plentiful Fancy large whites fully adequate with occasional distributors tending to be free sellers in an effort to stimulate movement Light stocks of large browns clearing easily, jumbos short of full call, extra large about adequate. Cartoning activity slow to moderate with few feature ads at 49c for large

## ● Auction

(Continued from Page 2)

48 00 52 00 Standard 44 00 49 00; Utility 36 00 42 50

HOGS 272 — Barrows and Gilts 75 1 00 lower

BARROWS AND GILTS — US 1 210 235 lbs 26 00 26 25; US 1 2 215 230 lbs 24 85 26 10, US 2 3 210 240 lbs 24 35 24 75; 240-260 lbs 24 10-24 50

SHEEP 87—Slaughter Lambs mostly steady

SPRING LAMBS—Choice 25-60 lbs 40 50-48 00, Choice 60 80 lbs 33 00 38 00

WOOLED LAMBS — One lot Choice 85 lbs 30 00

VEALERS — Choice 51 50-54 50, few 55 00-56 00, Good

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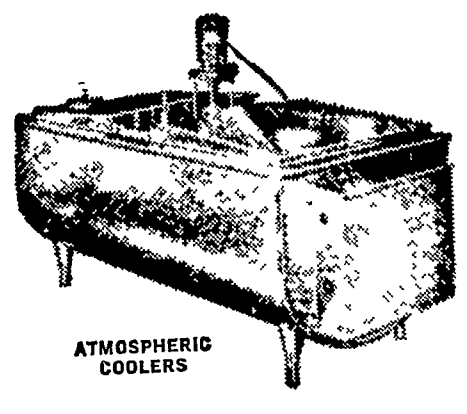


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Your corn grows free from all major grasses and weeds Free from the growth stress that weeds cause Free to develop strong, vigorous roots that reach down to make maximum use of soil nutrients and moisture. Free from extra cultivations, possible root damage and free of trashy fields at harvest time.

This season, use dependable, economical Sutan plus atrazine on all your corn acreage Stop the toughest grasses and weeds—nutgrass, wild cane, foxtails, fall panicum, Johnsongrass seedlings, crabgrass, annual morningglory, lambsquarters, pigweed, ragweed, nightshade and others that lower your profits Mix Sutan plus atrazine in the soil as you prepare your seedbed. There's no need to depend on unpredictable rainfall to move the herbicide into the weed seed zone Sutan and atrazine will be waiting to control weeds as they sprout. Used as directed, Sutan controls weeds without leaving harmful residues in the soil. Free yourself from work and worry...see us today for your supply of Sutan.

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RAYMOND NOLT — New Holland, Pa
JOHN MUSSER — Quarryville, Pa
ROSS H. ROHRER — Quarryville, Pa.
P. L. ROHRER — Smoketown Pa

# The Farm Revolution

You do not have to go beyond the local area to realize how the role of the farmer has been revolutionized. Today the number of persons operating family owned farms here is less than a generation ago but today's Lancaster area farmer is one employing the latest methods and theories — as well as the most modern farm equipment available.

America — the United States — is the most revolutionary nation on earth; and, paradoxically, U. S. citizens who have lived in the midst of revolution all their lives are largely unaware of the fact. All eyes turn toward recent social and racial upheavals and view these as the stuff of revolution while the real revolution has been occurring elsewhere — on our farms.

In a revealing documentary, entitled "The Revolution In American Agriculture," National Geographic magazine has done a magnificent job of presenting in words and pictures the story of a millennium without parallel in human history. In brief, we have reached a millennium in food production — call it revolution or what you will. The physical proportions of what has happened were well summarized in a statement by Secretary of Agriculture Clifford M. Hardin when he said "Through the decades before the Civil War, the American farmer produced food and fiber enough to feed and clothe himself and three other persons century later, when we entered World War II, new machines and techniques had helped inch the figure to himself and 11, today it has leaped to himself and 42. The superabundance from our fields comes from a dwindling number of farmers working fewer and fewer farms."

**Farming Leads Way**

National Georgraphic sent a team of photographers and writers around the country to discover how all this has come about Their findings, together with the implications for our country and the world, are almost more than the mind can grasp. To begin with, the successful farmer of today operates one of the most sophisticated enterprises ever undertaken by man The modern farm calls for a wider range of managerial decisions and skills than does the average family-owned factory or business in the city It is no exaggeration to say that the myriad technological and scientific developments that have so dramatically altered life in the city have really had their ultimate utilization in agriculture.

One crop — tomatoes — explains the mystery of how so few feed so many. A single grower with a $23,000, 6 5-ton harvester operated by a driver and 14 women passengers can pick and sort 15 tons of tomatoes an hour

Eggs are another illustration. Out in California, a single egg factory near Los Angeles shelters two million Leghorn chickens that gobble 250 tons of feed a day. When egg production falls below a certain computer-calculated output, the chickens go into soup or potpies. Still another example described by the Geographic is a vast cattle feedlot near Greeley, Colorado, where 100,000 steers are fattened in a marvel of automation and computers.

Somewhat surprisingly the complexity and size of modern farming operations have not abolished the family farm. Family farming accounts for 64 per cent of total farm marketing and 95 per cent of all farms are family owned. An official of the American Farm Bureau Federation says that, "The big corporation has to pay its farm managers and labor before it can count its profit. But the individual owner pays himself with the difference between the farm's income and expenses; instead of hiring labor, he takes the hours of sweat out of his own hide And as long as we consumers reward him with enough to provide the standard of living he aspires to, he'll hold his own against the big corporations."

**Controlling Pests**

Another section of the Geographic documentary is devoted to the biological and chemical developments that help in the monumental struggle to control pests and insects — an area in which there is wide public misunderstanding. Seventy-five million acres of crops each year are lost to insects, weeds and plant diseases. As far as farm chemicals are concerned, an official of the Agricultural Research Service notes, "It is in the public interest to minimize contamination of our surroundings. But the farmer is not the big offender. Much of the problem is associated with industrialization and urbanization."

The future of agriculture is virtually unlimited. National Georgraphic paints a breathtaking picture of things to come, describing a time in which there may be agricultural plots several miles long, worked by equipment running on tracks or paved runways. Cattle pens may resemble high-rise apartments in the 21st Century. A modern farmhouse may have a bubble-topped control tower humming with a computer, weather reports and a farm-price ticker tape. Remote-controlled machinery may do much of the work But, compared with the farming operation of much of the rest of the world, U S agriculture already is in the future.

Yes, we are a nation of revolution — the seeds of which have flourished in the soil of individual opportunity and have produced the greatest progress mankind has known.

# NOW IS THE TIME . . .

**By Max Smith**
**Lancaster County Agent**

**To Plow Down Cover Crops**

The growth of cover crops has been very fast in recent weeks and most of them have enough growth to turn under. This work should be done before the top growth of the cover crop gets excessive In some years the weather is very favorable for rapid growth but not suitable for plowing or discing Applications of a nitrogen fertilizer on the cover crop before plowing will help decompose the green material more rapidly

**To Inspect Pastures**

The disposal of trash into pasture fields in the rural areas is far too common, I'm sure that all local officials are aware of this serious solid waste disposal practice Livestock producers who are planning to turn their animals to pasture for the first time of the season are urged to go over the area carefully and remove all waste materials; some of it may be poisonous or injurious to livestock.

**To Operate Machinery Safely**

Weather conditions have delayed many plans for the start of field work for the growing season When the soil becomes dry enough to work, there will be danger of too much haste and speed with most machinery. This has often been the cause of serious farm accidents Also, many pieces of machinery, such as the grain drill of corn planter, may not plant accurately at excessive speeds Farmers are urged to take time to do the work carefully and accurately.

# There IS is a Difference

Gun control extremists seem to think guns rather than people are the instigators of crime

If such a theory were followed to its logical conclusion, the list of potential lethal accessories of modern civilization which should be removed from citizen ownership becomes endless — automobiles, bathtubs, kitchen knives, hammers, hatchets — and probably the ancient bow and arrow

The Virginia State Legislature is considering a bill to impose separate mandatory prison sentences on persons carrying firearms during commission of crimes. A sponsor of the proposed Virginia law notes. "Only the illegal user of firearms would have anything to fear "

The Virginia proposal has been endorsed by the National Rifle Association It represents the type of action that should be taken in any measure having to do with firearms control. It covers riots to the extent that rioting and inciting to riot, now a misdemeanor, would become a felony if a firearm is used It would include carrying pointing or brandishing a firearm "or any object confusingly similar in appearance to a firearm" during a crime, regardless of whether it is a misdemeanor or felony.

The wounding of a victim with a gun during a crime would automatically bring a prison sentence of 10 to 20 years.

The proposed Virginia law recognizes the fundamental fact that most gun control legislation overlooks. There are two kinds of citizens — those who obey the law and those who break it.

Throwing both the criminal and the law-abiding citizen into the same kettle is a travesty of justice.

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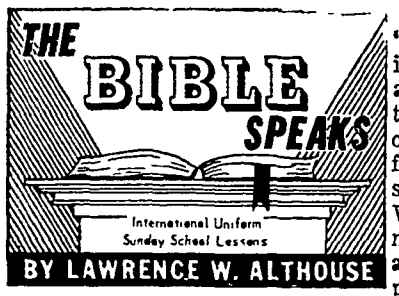


# THE "BREAKS"

**Lesson for April 26, 1970**

**Background Scripture: Acts 6 8 through 8 40; 10 1 through 11.18**
**Devotional Reading: Matthew 10 24-33.**

Clem Labine, the great National League baseball pitcher, has discovered what can be done with adversity: "I busted my index finger on my right hand trying to catch a pass in a semi-pro football game. I got a bad crook in my finger. I found out afterwards that it helped my curve ball and sinker."

Rev. Althouse

He turned an injury into an asset, something Christians have been doing for over 1,900 years. From the very beginning of the church it has been evident that the important thing is not so much in getting the "breaks of the game," but in making the breaks work for you instead of against you.

This is illustrated for us in Acts 8, the story of the first persecution of the Church. It broke out with great violence the same day that Stephen was martyred. His death was probably the spark that ignited it. Saul and his co-workers seemed to operate on the principle: **when in doubt, use violence.** The religious authorities did not know what to do with the followers of Jesus. They had tried imprisonment, threats, intimidation—but, none of this had kept the disciples from their witness. Finally, the authorities resorted to violence, just as they had done with Jesus.

The world has not changed much, has it? Many people still seem to operate on that principle: when in doubt, use violence. Most wars begin because men are committed to this idea. Racial and economic strife are other consequences. Yet, again and again, history has demonstrated that violence not only fails to achieve its objectives, but often bring the very oposite result.

**What God can use**

On the day of his Ascension, Jesus had said to his disciples: ". . . you shall be my witnesses in Jerusalem and in all Judea and Samaria and to the end of the earth" (1 8). Up to the time of the persecution, however, his followers had stayed in Jerusalem, even after Pentecost. What was it, then, that would move them out into Judea, Samaria, and beyond? The answer: persecution!

The disciples were soon to learn two things from their experience. First, they learned that the will of God cannot be defeated by the violent opposition of men. Persecution would not be able to stop the Church just as it had been unable to stop Jesus. God can use even the evil intentions of men to fulfill his purposes for the Church and the Kingdom.

Secondly, they learned that when they were truly open to God's power and purpose, he was able to carry them further than they otherwise would have been willing to go. Specifically, in this case, it meant carrying the gospel into Samaria, something that was hardly an attractive prospect for Jewish Christians. The reason, of course, was the ancient bitterness between Jews and Samaritans.

The feeling between these two peoples was so intense that Jewish travelers from Galilee made a long detour to avoid passing through Samaria The original bitterness between them can be traced to actual historical factors, but sheer prejudice kept the wounds from healing.

**The opportunities in adversity**

The persecution that overtook the church did not seem like a blessing to the early disciples. Yet, in time, they were probably able to look back and realize that God had taken the violence of sinful men and managed to wring a blessing from it. The persecution was a "bad break," but God taught the Church how to make a "bad break' work for the Kingdom instead of against it

He can teach us that lesson too, if we let him.

(Based on outlines copyrighted by the Division of Christian Education National Council of the Churches of Christ in the U S A Released by Community Press Service)

**Attend The Church of Your Choice Sunday**

# State Federation Warns Poultymen

Pennsylvania poultry farmers had an income of $168,634,000 in 1969, an increase of 18 per cent over 1968 Pennsylvania ranks fifth nationally on cash income on eggs, according to the Pennsylvania Poultry Federation

The USDA reported replacement chicks for egg production continues well above a year ago Month of February was up 17 per cent and March, 14 per cent The West North Central area was at 36 per cent South Atlantic, 22 per cent, West, 14 per cent; North Central, 12 per cent, South Central 11 per cent, and North Atlantic, 9 per cent

Placement of broiler chicks in Pennsylvania are up 21 per cent, while the placements in the 22 major broiler producing states are up 10 per cent Current settings are running nine per cent above a year ago

The above figures indicate that we may be heading for a big "bust" in both egg and broiler prices United Egg Producers are quite concerned about the heavy placements of replacement layers and quoted below is a telegram received a few days ago

"Urgent, Drastic Egg Price Drop Expected Paying prices for breaking stock disasterously low Immediate Removal of layers that have been producing 10½ months or longer critically urgent to supplement egg removal program These old hens have little chance of returning any further profit with the egg prices in prospect A delay in chick orders or cancellation will help bring future egg supply in balance with demand"


## Call Us Now

To serve the Lancaster County farm community better, we maintain two phone numbers. Our main number is 394-3047. But our subscribers and advertisers can also reach us through 626 2191 (ask for Lancaster Farming) and avoid a toll call from the Akron, Ephrata and Manheim exchanges.


## Lanchester Pony Club Show Scheduled May 2

The fourth annual Lanchester Pony Club horse show will be held next Saturday (May 2) at Pony Club Headquarters at the John Gibson farm at Drumore Pa Directional signs to the show grounds overlooking the Susquehanna River will be posted from Route 272 near Wakefield

Spectators are welcome and there is no charge for admission to the show grounds Lunch will be available on the grounds with free coffee served until 10 a m

Thirty-four classes for junior riders through age 21 will be on the program Classes will start at 9 a m.

A new addition to this year's schedule will be special Pony Club classes for Pony Club members from Pennsylvania Maryland, Delaware, and New Jersey

# Time to Check-Up On the Woolly Bear

Want to check up on the woolly bear and the almanac'

If so, recall the forecasts and compare with the results of the past harsh winter as compiled by the Pennsylvania Crop Reporting Service in cooperation with various other state and federal groups, including the Weather Bureau

Temperature this past winter season averaged four degrees below normal while the total water equivalent of precipitation was near normal

The sub-normal temperatures in March marked the 12th consecutive month of below normal readings in Pennsylvania

Snowfall totals exceeded 100 inches at many higher elevations in nothern locales This winter's total went down as the greatest or second greatest on record at a majority of the climatological sub stations scattered over the State

November temperatures were two degrees below normal with most of the snowfall confined to the western half of the State

The big news in December was the white Christmas experienced by almost all of Pennsylvania A series of snowstorms started December 22 and by the 27th snow depths were six inches in lesser affected areas in the extreme west, 20 inches in central portions and much of the southeast, and over 36 inches in the Pocono Mountains

While near record totals of precipitation were recorded in December, January result was just the opposite Temperatures 10 degrees below normal mark the month as one of the coldest January's of record and at the same time precipitation totals (melted water equivalent) were among the lowest on record Undoubtedly January represented the lowest monthly combination of temperature and precipitation in Pennsylvania weather records

Sub normal temperatures and near normal melted precipitations (above normal snowfall again due to lower temperatures) were observed in February and March A major snowstorm on March 29th marked a fitting finish to the winter season

The heavy and persistent snow cover was an excellent insulating blanket over the Commonwealth, thus limiting frost penetration to less than two inches in most areas

Moisture penetrated to significant depths so that initial soil moisture conditions this spring are the best in many years

## ICC Holds Up Rail Rate Hike, Hearing Is May 2

Temporary relief from a new general freight rate increase was granted by the Interstate Commerce Commission The ICC rejected a request by the railroads for an immediate six per cent boost, and ordered a broad investigation of all rates and charges

Don Graham who directs transportation activities of the National Council of Farmer Cooperatives, welcomed the ICC decision, saying such a study is long overdue

'Farmers are hit especially hard by freight rate increases" Graham declared "They've already been saddled with three rate hikes in less than three years, the most recent coming last November The new demand by the railroads would have brought the total to 23 per cent in a 31-month period"

Graham said the ICC investigation scheduled for oral hearings beginning May 2, will give shippers a chance to air their grievances and require the railroads to justify the need for their demands

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# Virginia Knauer Says Some Families Can't Afford Meat

Although many Americans can now afford and demand prime beef instead of the cheaper cuts of meat they once considered adequate many others in the country cannot afford to buy steak at all, President Nixon's special assistant for consumer affairs declared recently

Mrs Virginia H Knauer, speaking at a Meat Packers and Processors Seminar at Pennsylvania State University, said "the elderly living on Social Security can't afford roasts and families living in low income neighborhoods don't have the money to buy pork at today s prices '

The presidential assistant pointed out that housewives, however, do have an alternative 'When the price of beef or pork gets too high they can buy chicken Chicken is often used as a 'loss leader by the supermarkets"

Commenting on reasons why consumers are faced with purchases of unsafe products, shoddy merchandise, and shabby repair work Mrs Knauer emphasized that there is a growing suspicion that we are being trapped by our own technology

"The population explosion and the demand for quantity and variety in goods and services have outstripped our ability to always provide quality and safety as well as efficiency"

"Pennsylvania is fortunate in having one of the best consumer protection bureaus in the United States—with an adequate budget and sufficient personnel to propose new consumer protection laws and make certain that existing laws are enforced

In the field of consumer education Mrs Knauer is directing a program to develop a consumer education guide for use from kindergarten through the 12th grade This will be offered to state educational departments with the hope that they will adapt it and use it to start consumer education classes in the schools

The 1970 Meat Packers and Processor's Seminar was sponsored by Penn State College of Agriculture, Pennsylvania Meat Packers Association and U S Department of Agriculture

# Feds Change Marking System for Egg Lots

The required lot marking system for officially identified cartons of shell eggs and the temperature of shell eggs at the time of official grading have both been changed in egg grading regulations as amended recently by the U S Department of Agriculture

The amendments were issued by USDA's Consumer and Marketing Service, which administers voluntary grading programs for eggs as well as other food products Principal changes are

The establishment of a new lot marking system for officially identified cartons of shell eggs by deleting the present dating system and providing for a daily lot marking system The lot number will be shown as the consecutive day of the year on which the eggs are packed (For example, eggs packed on April 1 would be numbered 91 for the 91st day of the year ) Other lot numbering systems may be used only with written permission from the Administrator.

Change of temperature of shell eggs at the time of official grading Recent research has indicated that it is not necessary to reduce shell eggs to a temperature of 70°F to grade accurately. This amendment allows grading if the internal temperature of the shell eggs does not exceed 80 F.

The amendment will become effective July 1, 1970, and were scheduled to be published in the April 8 issue of the Federal Register.

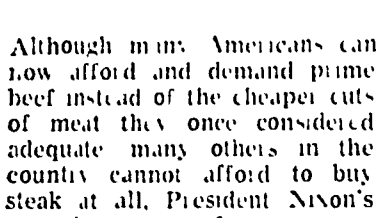
## Now Peace Corps Seeks Experienced Farmers

World population is growing at the rate of two per cent annually while international food production is realizing a growth rate of one per cent

"These figures," said Frank Pixley, Chief of Peace Corps' Agriculture Desk, "mean the world faces the spectre of continuing and increasing stravation —unneccessarily The reason for the disparity in growth rates is simply that the 'developing nations' need help with agricultural skills and technology so they can utilze more fully their resources"

Pixley made the statement in announcing the opening of an intensive recruitment program by the Peace Corps to encourage farmers and their wives into Peace Corps agricultural programs

**Try A Classified — It Pays**




**Unless one is born anew, he cannot see the kingdom of God.—(John 3:3).**

Day-to-day living can assume new proportions if we will but discard hidebound prejudice and biased judgment. Let us keep our vision clear and unclouded and our mind open to new ideas. An entire new vista may be unveiled, revealing that which may have been hidden previously. Cast off the invisible shell of dull complacency and a bright, shining panorama will be revealed.

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# U. S. Barred From Cease Orders Under P & S Act

The US Fifth Circuit Court of Appeals has set aside a US Department of Agriculture ruling issued under the Packers and Stockyards Act which ordered a Mississippi poultry processing firm to stop alleged "boycotting and blacklisting" of broiler farmers

The Pelahatchie Poultry Co, Pelahatchie, Miss had been charged with boycotting and blackballing poultry growers because of their membership in a bargaining group, the Mississippi Farm Bureau Marketing Association.

The Court's ruling also voids USDA's order to the poultry firm to reinstate, upon application, any growers whose contracts were terminated because of their membership in a growers' association.

In a brief statement, the Court agreed with the July 30, 1969, finding by the US Eight Circuit Court in a similar case

"The controlling issue is whether the Department of Agriculture is authorized to hold a hearing and issue a cease and desist order with respect to a live poultry dealer or handler . In Arkansas Valley Industries, Inc the Eighth Circuit recently considered and decided this question It answered in the negative We agree."

In the earlier case, the Eighth Circuit Court held that the respondents were "live poultry dealers or handlers," which makes them subject to the jurisdiction of USDA, but said that USDA does not have authority to issue a cease and desist order under provisions of the cited statute

The Eighth Circuit Court said USDA could control poultry dealers or handlers who violate the P&S Act by either presenting its evidence to the Court through the Justice Department or by its authority to license poultry dealers

The USDA will continue its regulatory program under the Act as to poultry firms The only change will be in the procedure followed in the event formal actions are necessary Court proceedings, rather than administrative proceedings, will be instituted

Proceedings in this case are open to the public Copies of this decision, Case No 27712 may be obtained from the Information Officer, Packers and Stockyards Administration, USDA, Washington, D C 20250

## U.S. Makes 16-Member Broiler Advisory Group

Secretary of Agriculture Clifford M Hardin recently announced the appointment of a 16-member Broiler Advisory Committee to advise USDA in the development of broiler industry-related programs, legislation, and rules and regulations

It may also advise on regulatory and marketing problems, including those which affect the wholesomeness and quality of products to be sold to consumers.

Assistant Secretary of Agriculture Richard E Lyng will serve as Chairman of the Committee Consumer and Marketing Service Administrator Roy W Lennartson will serve as Vice Chairman Eugene Bailey, Palmyra, is a member.

## State Pork Producers Joins Farm Show Group

The Pennsylvania Farm Show Committee and the State Farm Products Show Commission have elected Elton B Tait of State College, secretary to succeed Harold R McCulloch who held the positions since 1947

McCulloch will remain as assistant secretary to both the Committee and the Commission, the positions held by Tait since 1965

One new organization, the Pennsylvania Pork Producers Council was elected to membership on the Committee, bringing to 61 the number of agricultural and allied groups represented. An application for membership was received from another organization, the Pennsylvania Hampshire Association

## ● New Holland

(Continued from Page 2)

day Retail 25 75 27 50 Heavyweights 24-25 25 Wholesale 2 3,4s 25 25-25 75 Sows 20 22 50, Boars 19 21

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**April 20, 1970**

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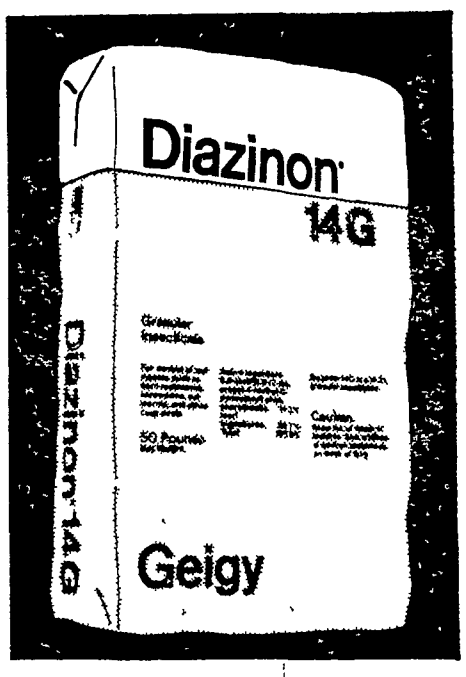


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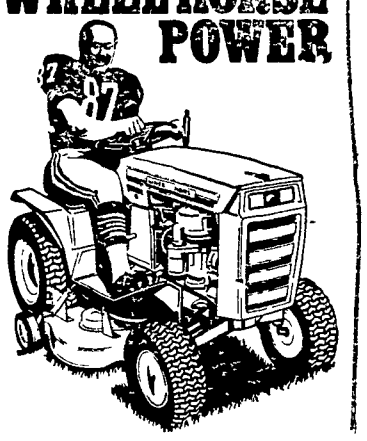

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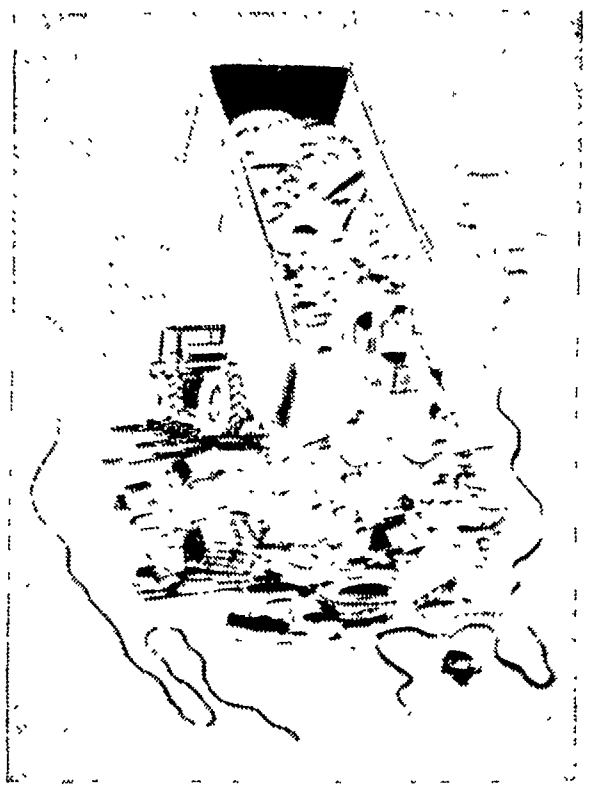

Dumping grounds aren't beautiful.

# Milk Board Releases Market Trend Report

Significant milk marketing trends in the past 10 years include. drop off in home deliveries, increase in store sales; sharp decline in use of glass containers, increase in paper and plastic containers; increase in gallon and half-gallon containers, sharp drop in quarts; increase in low fat milk sales.

These are among the findings in the Pennsylvania Milk Marketing Board's seventh edition of "Characteristics of Fluid Milk Sales in Pennsylvania" prepared by the Agricultural Experiment Station at Pennsylvania State University in cooperation with the Milk Marketing Board.

Sales of fluid milk items, excluding cream, by reporting licensees totaled nearly 119 million quarts during October 1969 when the survey was conducted. This represents over 95 per cent of the fluid milk sales by 343 dealers, 220 subdealers and 94 producer distributors.

Fluid milk dealers distributed 95.0 per cent, subdealers 4.0 per cent and producer distributors 1.0 per cent of the fluid milk sold during October.

Milk delivered to homes was 36 per cent of the total during October 1969, down from 51.1 per cent in October 1959

Sales from stores totaled 47.3 per cent an increase from 34.1 per cent 10 years ago.

Restaurant sales were 7.7 per cent about constant during the 10 year period.

School milk was 8.2 per cent of the total up from 5.2 per cent in 1959, and sales from Vending Machines was 1.8 per cent of the total, up .7 per cent from 1959.

Milk sales in glass containers were 18.8 per cent of the total down from 49.1 per cent in 1959. Sales in paper containers totaled 60.6 per cent up from 47.6 per cent in 1959.

However, since 1967 sales in plastic containers were about 13.5 per cent of the total.

October 1969 sales in gallon containers were 13.7 per cent, up from 0.3 per cent in 1959, and in half-gallon containers 39.9 percent, up from 23.6 per cent in 1959. Sales in quart containers in 1969 was 20.0 per cent while in 1959 sales of milk in quart containers was 60.2 per cent. Sales in pint and one-third quart containers showed little change while one-half pint container sales were 10.0 per cent in 1969 against 6.6 per cent in 1959. Sales in home dispensers were 1.5 per cent.

Sales of standard milk, plain, homo., or Vit. "D", 4.0 per cent Butterfat and under, was 77.7 per cent of the total, practically constant during the 10 year the 10 year period. However, sales of low fat milk were 11.1 per cent of the total in October up from 2.5 per cent in 1959. Buttermilk sales were constant at about 1.0 per cent during the period.

## Lack of Interest Kills Local Environment Lab

The "Environmental Educational Laboratory for School Administrators" scheduled for April 24 and 25 at the Mount Joy Vocational-Technical School has been cancelled due to a lack of interest.

In making the announcement, Robert K. Maurer, urban director of the Lancaster County Soil and Water Conservation District, said, "I am disappointed that schools were not more interested."

It was hoped that there would be 60 participants but only six signed up for the program, which was to be sponsored jointly by the conservation district and the Lancaster County Public Schools.

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# FARM WOMEN SOCIETIES

### Society 3

Society of Farm Women 3 entertained Society 10 at a dinner meeting held recently in the social room of the Salem Lutheran Church, Ephrata. The dinner was prepared and served by the Program Committee, Mrs. Harold Stuber, chairman.

Mrs. Roy Weinhold conducted the devotions. Speaker was Walter Knapp, East Petersburg, whose topic was, "Off the Mainline," illustrated lecture of "facts of little known railroads."

The business session was conducted by the president, Mrs. Robert Gregory. Spring Rally, May 5, was discussed. There is transportation avaliable for members who wish to attend.

The next meeting May 16 will be held in the social room of Emanuel Lutheran Church, Brickerville, with Mrs. Charles Weachter as hostess.

# Poultryman Charges Label Bill Would Create 'Chaos'

The Pennsylvania Poultry Federation is urging strong opposition to a consumer bill, House Bill 1236, on grounds that the legislation would cause "chaos" for both consumers and producers without providing benefits to either.

H. J. Bicksler, executive director of the federation, told Lancaster Farming the bill provides that the date of packaging of perishable food stuffs must be on the label in type not smaller than the print in this story, but the bill "doesn't say what condition it (the produce) has to be in when packaged."

As a result, Bicksler said the bill "means nothing" in terms of insuring fresh produce. But the measure would "cause confusion" and result in higher costs, he stated.

"The bill makes no reference at all as to the holding condition of foodstuffs. For example, eggs packed 10 days prior to sale date and properly refrigerated may be of a lot better quality than eggs packed three days prior to sale date that are held at room temperature.

"Perishable fruit might be stored in bulk and approaching the end of their normal 'shelf-life' can be packed carrying a 'fresh date' and mislead the consumer.

"The same principle can be applicable to hundreds of food products. 1236 is a very poor bill." Legislators should be encouraged to defeat the bill, which is in the rules committee, he said.

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| | 16' | $9.12 |
| | 18' | $10.80 |
| | 20' | $12.30 |
| | 22' | $13.86 |
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# Eastern Milk Coop Holds Banquet

(Continued from Page 1)

year, there was an increase in production of 190 million pounds, but class one (highest return for farmers) consumption went down 40 million pounds, he said This meant an additional 230 million pounds went to the manufacturer for processing into other products, but the margin of profit is so low on these products, manufacturers don't want to take this extra milk.

York noted that the problems of over supply of milk national ly primarily involve the Northeast and the problem particularly involves "a serious surplus of butterfat"

The butterfat surplus stems partly from too big a supply, but also from imports and skimming of butterfat off whole milk.

Milk production runs in cycles. We're now at the beginning of the "spring flush" and the peak of production is reached in the last week of May and the low point is in November

The present over supply began about seven months ago

Key figures at the recent Eastern Milk Producers meeting at Blue Ball were from left: Freeburn Love, Eastern president, Robert Martin, local president and John York, Eastern general manager.

and York thinks it will last a year or two "Cycles in milk run about seven years," he said

Asked if the milk industry might be making a mistake in emphasizing high butterfat production in light of the over supply, York said there is no evidence of harmful effects of buttermilk and most doctors have a limited knowledge of dietics, but they have caused consumers to be reluctant to consume butterfat milk

On the other hand, removal of butterfat from milk takes away its taste and quality, and milk sales drop The milk industry is "on the horns of a dilemma," he said.

## Penn State Dairy Club Prepares for 45th Expo

The Penn State Dairy Science Club is preparing to climax an active year by staging its 45th Annual Dairy Exposition April 27 through May 9. The Exposition features contests from milk "chugging" to dairy cattle judging.

Borland Laboratory will be the scene of an ice cream sculpturing contest from April 27 through May 8. Winning entries will be on display in the University Creamery.

On the evening of April 29, the dairy products judging and milk "chugging" contests will be held in Borland Laboratory, starting at 7:30 p.m. Highlighting the event will be the selection of the new Dairy Princess.

The University Dairy Barns become the center of activity on May 2 as 4 H and FFA members from all over Pennsylvania, as well as University students, take part in a dairy cattle judging contest This event begins at 12 30 p m

The Exposition will be climaxed with a dairy cattle fitting and showing contest held at the Dairy Barns on May 9, starting at 8.10 a m. In conjunction with this event raffles will be held for a purebred dairy calf and dairy products. Finals will be held at noon in the annual calf-dressing contest.

Exposition winners will receive their prizes at an awards banquet to be held in the Hetzel Union Building on campus, May 9. The banquet starts at 6:45 p.m.

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Nearly 400 Warwick School District science students in grades 8 through 12 joined in a clean-up of a mile and a half section of Lititz Springs Creek Wednesday morning to mark Earth Day. The constructive approach to pollution control netted tons of debris from the stream bed and banks.

## 4-H Club Activities

### New Holland 4-H
**by Diane Herr**

The New Holland 4-H Community Club held its monthly meeting at the home of Mrs. Marie Good April 20.

Mr. Lueck showed a movie called, "Focus on 4-H." After the movie came election of officers as follows:

Elvin Lapp, president; Mary Lou Fisher, vice president; Lillie Lapp, secretary; Becky Sadler, treasurer; Diane Herr, news reporter; Joleen Sinclair, song leader; Fred Hertzler and Frank Ruoss, game leaders; Mary Lou Fisher and Diane Herr, County Council representatives, with Frank Ruoss as an alternate.

The leaders for this year are Marie Good, Elmer Lapp, Earl Fisher, Bill Fisher, Dee Fisher, and Mary M. Martin.

The next meeting will be held at the home of Diane Herr at 7:30 p.m. May 18. Mr. Keller will be the guest speaker.

### Leola 4-H Club
**by Joanna Barrett**

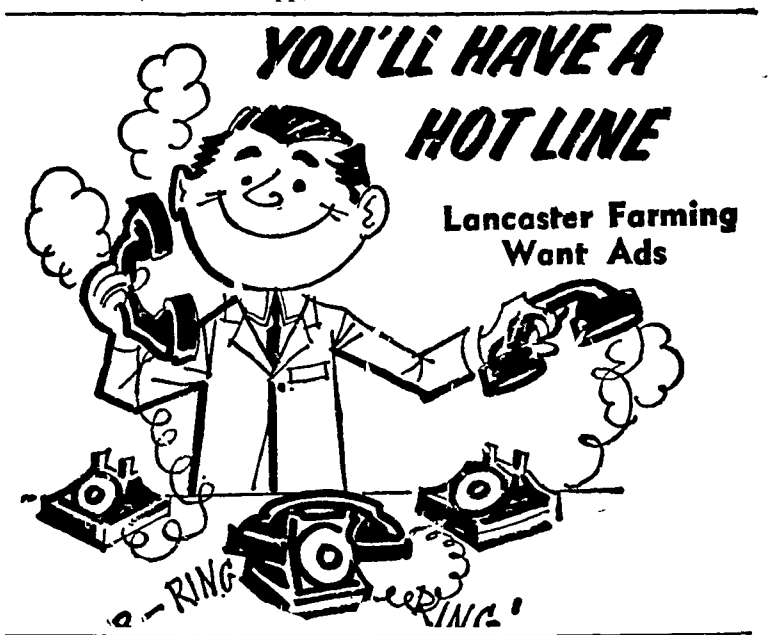
The Leola Pin Cushion 4-H Club held its first meeting of the season at the home of Mrs. Jacob Hoober. The following officers were elected: Linda Sensenig, president; Karen Buckwalter, vicepresident; Carol Killheffer, secretary; Brenda Hoober, treasurer; Sue Cockran and Kitty Yeager, game leaders; Pattie Hollinger and Diane Shreiner, song leaders; and Joanna Barrett, news reporter.

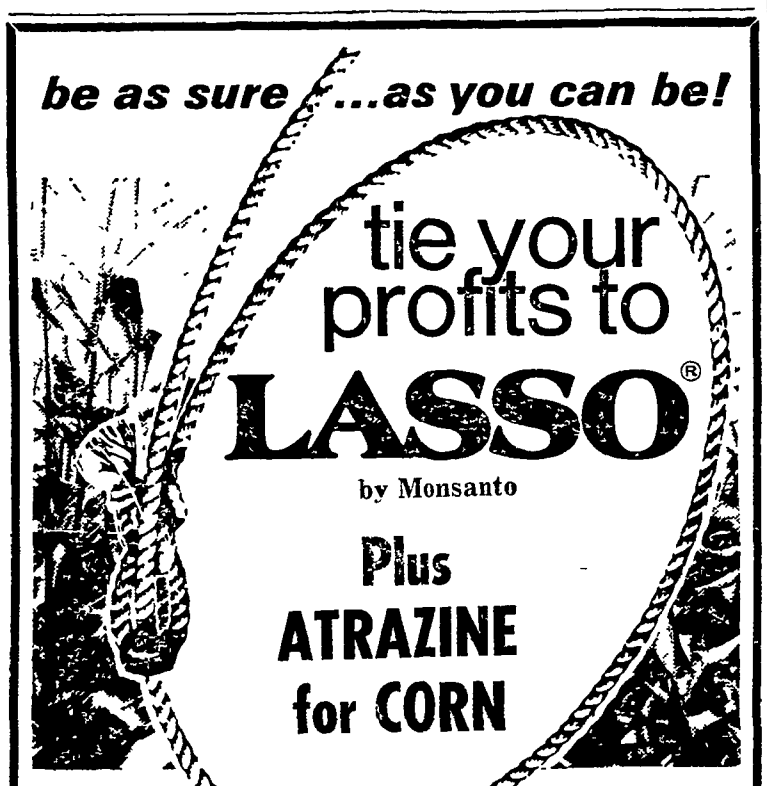
The club leaders are Mrs. William Cockran and Mrs. Jacob Hoober. Nineteen members were present.

The next meeting will be held May 19 at the Hoober home, 460 East Main Street. All girls in the Leola area are welcome to attend.

## The Old Timer

"Women might not be able to add, but they can certainly distract."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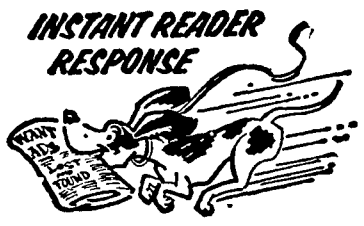
## Mail Box Market

Wanted—Three point hitch for Oliver 770 tractor Also Oliver 77 gas tractor for sale $450.00 Joseph Shirk, RD#1, Ephrata, Pa Phone 733-8434

For Sale—One Hayes te Automatic Poultry Feeder. 300 ft trough Phone 626 6014

**FREE. Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:**

**Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.**

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This season, use dependable, economical Sutan plus atrazine on *all your corn acreage Stop the toughest grasses and weeds*—nutgrass, wild cane, foxtails, fall panicum, Johnsongrass seedlings, crabgrass, annual morningglory, lambsquarters, pigweed, ragweed, nightshade and others that lower your profits Mix Sutan plus atrazine in the soil as you prepare your seedbed There's no need to depend on unpredictable rainfall to move the herbicide into the weed seed zone Sutan and atrazine will be waiting to control weeds as they sprout Used as directed, Sutan controls weeds without leaving harmful residues in the soil Free yourself from work and worry...see us today for your supply of Sutan.

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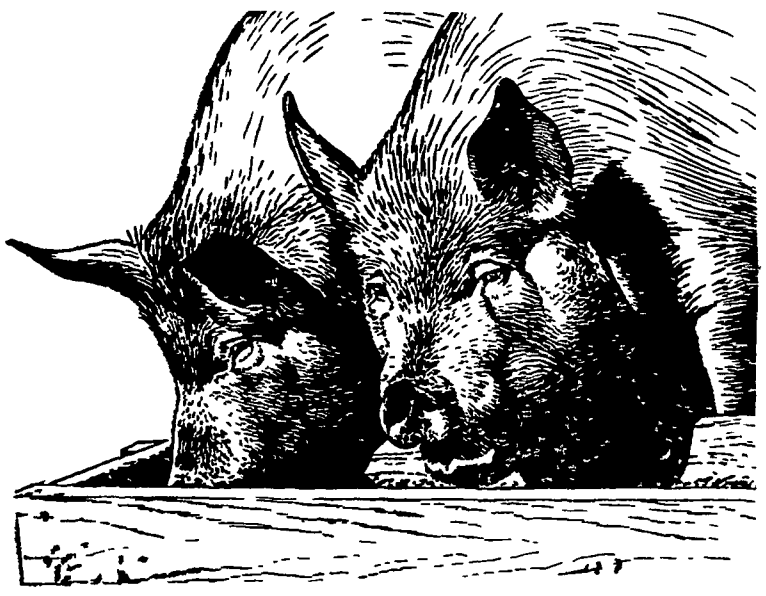

The Programmed Hog was conceived a decade ago But because of the high standards we set for this program, it was not born until just last fall in time to be introduced in the 70's
The goal healthy lean hogs going to market consistently at 200 pounds in less than 160 days
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The result In the fall of 1969 we farrowed 132 pigs from 11 sows for an average of 12 pigs per sow Of the 132 farrowed 125 weaned for an average weaning of 11 4 pigs per sow An outstanding example of the quality of litters raised was that of Sow #94 A York-Hampshire cross, her third litter of 12 pigs were all raised to market weight The 12 averaged 200 7 pounds in 139 days Feed conversion was 2 38 pounds of feed per pound of gain Many other litters achieved equally remarkable records And all litters were well above average After a decade of research and new feed development we knew we had achieved the ideal we were looking for After 128 years of developing and mixing feeds, we are not kidding ourselves into thinking that we have the perfect program We know, as you know that nature gives no guarantees of anything But we do feel that this combination of new Red Rose swine feeds and this scientifically developed and researched feeding program is one of the most effective start-to-finish programs available to hog raisers anywhere in the world

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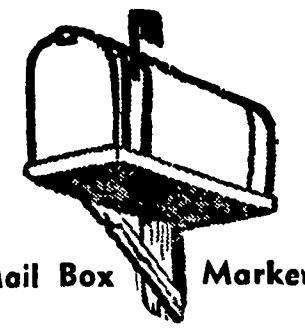


For Sale—Soybeans, cleaned for seed The new yellow Mussley-V variety, a better yielder Grow your own protein Get them flacked where I do Increases palatability and milk production. $4 25 per bushel. Eli Stoltzfus, 69 Strasburg Pike, Lancaster, Phone 394-9917

For Sale—Brillion plow packer on transport wheels, like new, highest offer. Phone 626-6142.

For Sale—Antique walnut wardrobe, good condition, $85 or best offer; also some barley straw Maness Richardson, Delta 456-5160.

For Sale—Garden tractor with plow, disc, cultivators and snow plow $125. Two row bottom plow —rotary lawn mower. Phone New Holland 354-7853.

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For Sale—Ferguson Raydex 3 point hook-up 2-14" bottom plow $75 00. 350 Laying cages $35.00. Phone 267-5641.

For Sale—88-4 x 12 foot slats. Daniel R. King, R.D. 1, Gordonville, 1 mi east of Intercourse to West View Rd turn left first farm on right.

For Sale—Hay pickup for New Holland 800 chopper; 3 pt hitch sprayer Irrigation pipe and pump Phone 367-5298.

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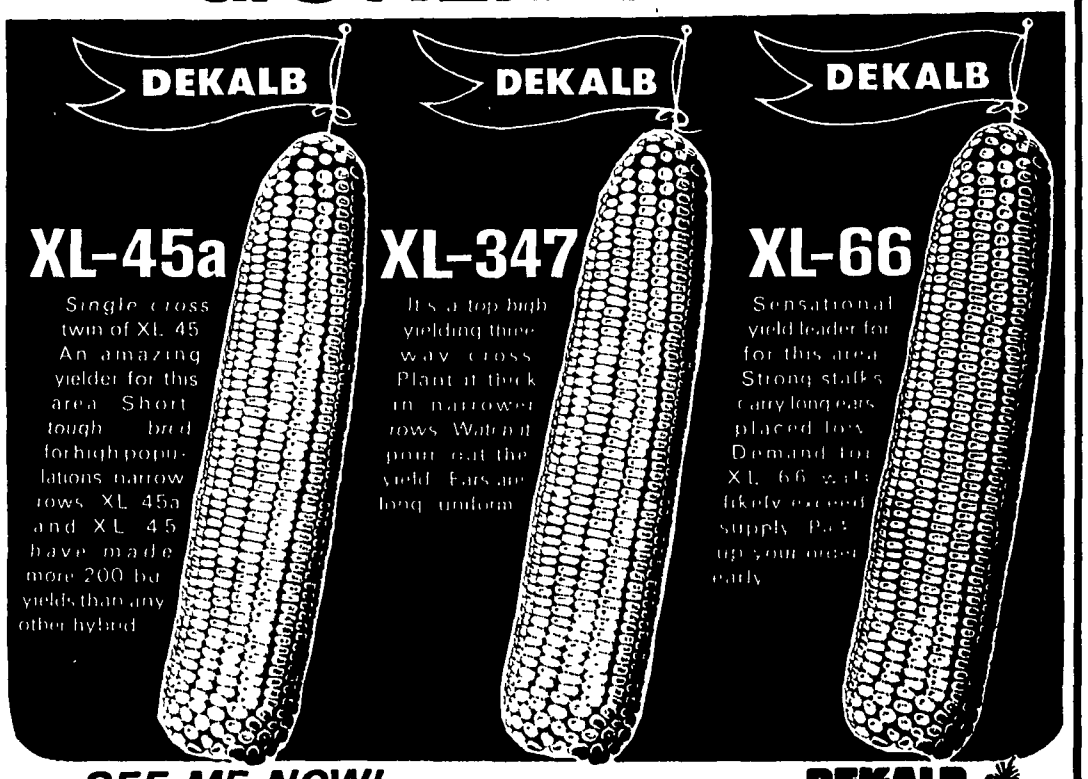
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## Sale Register

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SAT. APRIL 25—1 P.M 10th Annual Spring Feeder Calf and Yearling Sale at the Aberdeen Sales Company, Livestock Auction Market located in Churchville, Md., on U S. Rt #22, 6 mi East of Bel Air, Md, 6 mi West of Aberdeen, Md., Harford Co

MAY 2—Benefit Sale to be held at Refton Fire Hall by the Building Fund Committee New Providence Church of God.

MON. EVE. MAY 4—Martin's Sale Stables, Blue Ball, Pa Horses, Ponies and Equipment Terms by Shirk and Martin Ph (717) 354-6671.

WED MAY 13—9 A M Public Sale of Farm Equipment and Implements. Martin's Sale Barn Blue Ball, Pa We sell on Commission. Paul Z Martin


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## Sale Register

SAT MAY 16—10 A M Public Sale of New and used furniture for Martins Furniture Store, east of Ephrata Turn off route 322 at Bergstrasse School, watch for signs

WED JUNE 10—9 A M Public Sale of Farm Equipment and Implements. Martin's Sale Barn Blue Ball, Pa. We sell on Commission, Paul Z Martin

JUNE 30—Levi W. Mast, Clay Pa., Berks Co. Registered Holstein Disp. See later ad.

MON. AUG. 24—Shalco Collpssal Vacation Sale, Minatare, Nebraska.

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FRI. NOV. 6—Colossal Bull Event, Sugar Loaf Farms, Staunton, Virginia.

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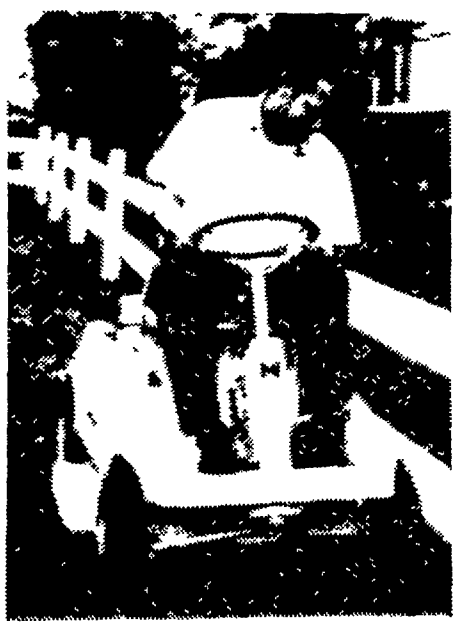

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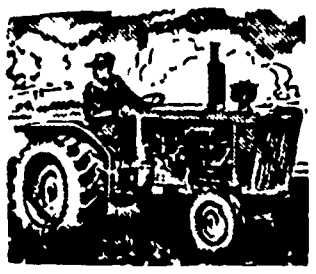

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International Harvester — 1206, 806, 706, 504, 560, 450, 400.
Oliver — 1850, 1800, 1650

---

JD 3 pt. tool bar cornplanter and cultivator combination
NH pull type balanced head mower
New John Deere roto bar rake
NH Hayliner with mower — $775.

---

**New Hydraulic Cylinders 3 x 8 — high pressure — $31.**

## Livestock For Sale

HOLSTEIN Heifer due in May. Nice, large, purebred, without papers. Sired by a Fultonway son of a 30,000 lb dam Only reason for sale, we are full, $550. Eli Stoltzfus, 69 Strasburg Pike, Lancaster Phone 394 9917.

For Sale — Purebred Yorkshire boars, bred gilts and open gilts. Carcass championship bloodlines Willow Glen Farm, R.D. 1, Strasburg, Pa. Ph. AC 717-786-2562.

For Sale — Purebred Yorkshire boars.
DUTCH VALLEY FARM
665-6220

## Dairy Equipment

200 gal. Girton bulk tank;
300 gal. Esco, good condition.
CLARK ELECTRIC
R1, Kinzers, Pa.
Ph: Intercourse 768-8228

SELL ★ YOUR BUTCHER HOGS DIRECT TO

## ARMOUR CO.
READING, PA.

We will be glad to look at your hogs & bid you.

CALL AL SHAFFER AT 376-2941. Evenings 779-3847

## Farm Equipment

Supplement your tractor power with one of our rental tractors Available with or without plows
2 Case 930 Diesels
1 Case 1030 Diesel
1 Case 700
1 Case 400 Diesel
New Case and Hesston Windrowers in stock ready to go.
Also New Case Balers
New Case 300 Harvester w/2 row corn Head $3,100—1 only.
Used Bobcat 4 wheel drive loader
KINZER EQUIP. CO.
Kinzers, Pa. Ph 442-4186
Lanc Customers Ph: 768-8916

For Sale
1 Jamesway barn cleaner
1 Electric jet water pump
2 Electric water heaters
1 Hot air coal furnace
All in good working order
South of White Rock covered bridge, ½ mile East of Oak Shade
Levi Kinsinger
Kirkwood, Pa 17536

IH 311 Plow 3 14"
Stariine Spreader
504 Farmall
460 Farmall
COPE & WEAVER CO
New Providence 786-7351

Welsh Trailer Sprayer with a 300 gallon fibreglass tank and 10 row boom
LESTER A SINGER
Ronks, Pa Ph 687 6712

NEW Idea Hay Tools
Mowditioners
Rakes
Mowers
Used WD45 AC Tractor
Spreaders and Loaders
GRAYBILL MACHINES, INC
Lititz, Pa Ph 626-5221

For Sale—Farmhand F85 PTO Grinder-mixer, 23" mill, heated molasses tank and meter on mill, 1 year old Phone Columbia 684-2828

Fickes Silos and Badger Feeding Epuipment.
GRUMELLI FARM SERVICE
Quarryville Ph 786-3630

## Farm Equipment

**PARTS BY THE THOUSANDS:**

**Dismantling Cat. D-2 thru D-8; AC HD-5 thru 21; TD-6 thru 24; Oliver Model E thru OC12. Generators, steering clutches, transmissions, final drives, chains, rollers, winches. New & used undercarriages for all makes; EXAMPLES:**

| | |
|---|---|
| TD-6, 33 link | $162.90 |
| S.F. roller | 47.90 |
| TD-9, 33 link | 215.90 |
| S.F. roller | 53.90 |
| Cat. D-4, 31 link | 202.90 |
| S.F. roller | 52.90 |
| HD-5, 33 link | 232.90 |
| S.F. roller | 53.90 |
| ID 440, 35 link | 135.90 |
| S.F. roller | 48.90 |
| Case 1000, 37 link | 307.90 |
| S.F. roller | 58.90 |

(all prices f.o.b.)

**Engines & Power Units - Good used Crawlers & Loaders, cheap. TRACK PRESS WORK - If Not Listed, Ask For It! WANTED; Used equip., parts, engines, etc.**

**Ben Lombardo Equip. Co.**

R. D. #6, Sinking Spring, Reading, Pa. 19608
Phone: (215) 678-1911/4092 or 944-7171.

---

Precast concrete slated floors for farrowing and finishing cattle.

---

Concrete insulated sandwich brick textured wall panels for farrowing houses and milk houses and homes.

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All concrete panel silo with new P&D bottom unloaders 20 ft. dia.

---

1,000 gallon septic tanks.

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ZIMMERMAN INDUSTRIES, INC.
Ephrata R D #1 17522
Phone 717-733-6166

# BIG MONEY IN LITTLE WANT ADS!

## SPECIAL TWO CLASSIFIED ADS

## $1.00

Maximum 14 words each

### Advertise in the "Lancaster Farming Classified Section"

**The newspaper your neighbor reads from front to back!**
**Sell, sell, sell, $ $ $ $ $ $**

**Please run my 2 ads or one ad two times**

_____ _____ _____ _____ _____ _____
_____ _____ _____ _____ _____ _____
_____ _____ _____ _____ _____

Name .....

Address ..... Phone Number .....

Enclose $1.00
Mail to Lancaster Farming, P. O Box 266, Lititz, Pa. 17543.

# NEW MACHINERY BARGAINS

## FINAL PRICE REDUCTIONS

**—Only One Left of Each Machine Listed—First Come —First Served Basis.**

**SALE ENDS MAY 1, 1970.**

| | |
|---|---|
| **TRACTORS** | |
| JD 4520 with cab | $9975. |
| JD 1020 RUD | $3595. |
| **PLOWS** | |
| JD F350 4-16" Power Reset | $1595. |
| JD F125 4-16" Mounted Trip | $645. |
| **DISC HARROWS** | |
| JD AW 13'10"-20" blades | $1095. |
| **PULVI-MULCHER** | |
| Brillion 12 ft | $1295. |
| **CHISEL** | |
| Brady 10 ft | $659. |
| **CORN PLANTERS** | |
| JD 494A | $950. |
| **MOWERS** | |
| JD #10 | $395. |
| JD #50 | $575. |
| **BALER** | |
| JD 24T | $1775. |
| **POTATO HARVESTER** | |
| Dahlman (demo) 2 row pull type | $8995. |

### USED EQUIPMENT

**Used JD Tractors** — 4020, 3020, 4010, 3010, 720, 620, 60

**Used Disc Harrows** — 28 blade MH-WC, 36 blade JD KBA WC, 32 blade JD KB

**Used Forage Harvester** — JD #8 direct cut windrower, P U 1 row corn head, NH 717 windrower, P U 1 row corn head.

# MILLER'S
## SALES & SERVICE, INC.

Highway 851 Stewartstown, Pa.
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JOHN DEERE

John Deere & Brady | Dahlman Potato Harvesters | Brillion & Lely

CALL

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# CLASSIFIED ADS

## Farm Equipment

**CASE** **NEW IDEA**
**SALES & SERVICE**

**March Special**
**On New Equipment**
Case 770 "Field Day Demo."
Case 530, 730
Case 5, 6B plows

Ask for a demonstration of the New "70 series" Case Tractors on your farm
Case "Optimum Till" Corn Planters

IH 450D w 3B Plow
Used Case 430, 630, 830, 930.
Case 480 Utility w/loader

JD 2, 4 row Corn Planters
Gehl new & used Mix-All Mixers
Case Stalk Shredder
Several Used Spreaders
NI Cutditioners, a great machine for shredding stalks, next summer terms
New & Used Backhoes and Loaders
New Idea Un. Harvesters

**A. L. HERR & BRO.**
312 Park Ave.
Quarryville, Pa.

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**LANCASTER SILOS**
**Starline Labor Savers**
**Feed Lot Planning**
**Sales & Service by**
**J. SAMUEL SHERER**
**Mt. Joy R2**
**Phone 717-653-5207**
**or 717-653-5208**

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Used Gehl PTO blower w/recutter, #30 IHC Harvester w/2 row corn header, Gehl PTO hammermill w/auger feed; John Deere haybine used Farmhand feed grinder-mixer, new and used 4-row corn planters, used forage wagons, used hay crimpers and crushers, Myers JD, NI, McCormick Deering, Oliver and Brady hay fluffers, a large selection disc harrows, cultipackers and trailer plows, crawler and wheel tractors

CLYDE E KEENER
Intersection of Rt 72 and 230
Phone 717 569 9861

---

Gehl Grinder-Mixer
New MF Semi Plows 4B-16" $750 00
Massey Ferguson 65 Gas Row Crop Tractor
Farmall 504
Massey Ferguson 2135 Tractor & Loader
Massey Ferguson 1100 Diesel Tractor
M. M. WEAVER & SONS
Leola, Pa Ph 656-7702

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Electromechanical Service — Phase Converters—Electric Motors—Power Tools—Generators
ELECTROMEC
Rt 222
Ephrata, Pa 717-733-7911

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LANCASTER SILOS
See LeRoy Zook
at
C. B HOOBER, Intercourse
Ph 215 593 5793
Ph 717 768 8231

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Special price on Allis-Chalmers and New Idea Hay Conditioners and Rakes
ALLEN H MATZ, INC
New Holland, Pa 354-2214

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For Sale—New Lil Colt Camper Cabs for all size pick-up trucks $135 00 and up
John Deere 45 Self Propelled Combine.

All types of farm machinery.
ELWOOD FLOWERS
Manheim R#2, Pa.
Phone 653-4839

## Farm Equipment

For Sale—12 ft x 36 ft. concrete stave Marietta Silo, priced reasonably Also one 14 case per hour Egg-O-Matic Egg Grader and Candler, like new. Melvin J. Starner, New Oxford R D. #1, Pa. 17350. Phone 717-624-2257.

---

Used Equipment
WD & WD45 Tractors
Case 630 Diesel
New Idea #15 Spreader
ROY H BUCH, INC
Ephrata, Pa. Ph 859-2441

## Farm Equipment

For Sale—Two Cast Iron Stock Water Troughs 1—6'5" long, 1'7" wide, 8" high, 1 15' long, 2' wide 1' high Also house shutters Phone 354-5688

---

Demonstrator 1650 Oliver Diesel Tractor, $6,350 00
FARMERSVILLE EQUIP CO
Ephrata RD#2, Pa. Ph 354-9221

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For Sale—One 18 ft Vandale Silo Unloader, 2½ years old Carl L Shirk, Badger Sales & Service Phone 867-1536

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**AGRI-INC.**

**Hog Equipment**
**Farrowing Stalls**
**Johnsons Pig Blankets**
**Hog Feeders and Waterers**

R. D. #2
Ephrata, Pa. 17522
(Farmersville)

Phone
Bus. 717-354 5371

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New Tractors
530 Case Diesel
430 Case Gas
Used Tractors
1-D C. Tractor
VAC Gas
300 Case Gas
120 Compact Tractor with mower
Used 3 Bottom 14" Plow
Used 3 Bottom 16" Plow
Both Trip Bottom
WALTER BINKLEY & SON
R D #4, Lititz, Pa. Ph: 626-2344

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For Sale—16 ft metal western style steer feeder. Excellent condition Capable of feeding 75 to 100 steers. Ideal for meadow. Phone 653-5359.

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Winpower-Tractor Driven Alternators Demonstrated, Installed & Serviced by ELECTROMEC—Ephrata, Pa. Rt. 222 717-733-7911

## Poultry & Supplies

**KimberChiks and Started Pullets**

Warren Sex-Sal, Golden Sex Link, Broiler Chicks — Cobb and Wt Mt.

**Moyer's Chicks, Inc.**

Quakertown, Pa
Ph 215 536 3155

## Poultry & Supplies

For Your Poultry Needs Such As
Fans
Manure Augers
Pit Scrapers
Bins
Egg Carts
Coolers (all types)
Egg Washers
Egg Graders
24 hr refrigeration and repair service We specialize in remote refrigeration service in egg processing rooms
Phone 215 267-2132
CLYDE C. LUTZ
Denver, R D #1, Pa.

---

SHAVER STARCROSS

**LAYERS**
**Greider Leghorn Farms, Inc.**

**Phone 653-1855**
MOUNT JOY R 1, PA.

---

**Introducing . . . The B-305**

Q. Is there any relationship between the now "World Famous" Babcock B-300 and the new B-305?

A Yes, a very close relationship Let's say, for sake of example, that four inbred lines called A, B, C and D are used to produce the B-300. We mate A and B together to get the female parent of both the B-300 and B-305 To produce the B-305, we then replace line C with line L on the male parent side We, therefore, end up with 75% of the same make-up for the B-305 as the B-300.

**Babcock Hatchery, Inc.**

Box 285, Lititz, Pa.

**Phone 626-8561**

BABCOCK HEALTHY Chicks

Where in the World is Babcock? . . .
Wherever eggs are produced at a profit!

## Poultry & Supplies

**ATTENTION**

**We have heavy breed layer contracts available. Excellent income opportunity. 2,000 to 6,000 size flocks available. No capital required, we pay all supplies. Call or write.**

**Indian River Poultry Farms**

**2501 Oregon Pike, Lancaster, Pa.**
**Phone 569-0456**

## Poultry & Supplies

**LONGENECKER'S HATCHERY**

Box 317
Elizabethtown, Pa 17022
**Phone (717) 367-1545**

KimberCHIKS

**Day old and started pullets**

- J. J. WARREN SEX-SAL
  DAY OLD AND STARTED PULLETS
  LEUKOSIS RESISTANT—GIVE THEM A TRY!
- WHITE MOUNTAIN CROSS BROILER CHICKS
  BROILER CHICKS WITH TOP PERFORMANCE

---

**RAISING PULLETS on YOUR FARM?**

***WE RECOMMEND***

**MUSSER'S M-327 CHICKS**

**The breed of 2 separate lines of Musser Leghorns, which when crossed, produced the sturdy M-327 Leghorn chick that you have been hoping for.**

**Why?**

**Because Musser's M-327 Chicks have . . . .**

1. Coccidiosis under control to the extent that you seldom have a minor outbreak of Coccidiosis
2. A consistent low level mortality rate, while contending with the highly publicized leukosis (Marek's) disease
3. The mortality and the rate of lay so satisfactory that you can be assured of a yearling capable of showing a profitable second year

**FOR COMPLETE INFORMATION CALL COLLECT**

**MUSSER LEGHORN FARMS**

**Box 116, Mount Joy, Pa.** **Phone 653-4911**

**1916 — 54 Years — 1970**

# AGWAY

# For Sale Feeder Pigs

- THRIFTY PIGS
- BREEDING - CROSSES
- UNIFORM LOTS
- DIRECT TO FARM
- SELECTED PIGS
- VACCINATED FOR ERYSIPELAS and CHOLERA

## FOR INFORMATION CALL MARK HESS — 717 - 394-0541

**G & G Feed & Supply**
872 Mt Joy Road
Manheim
665-5001

**Henry B. Hoover, Inc.**
27 N State St
Ephrata
733-6593

**Lancaster Store**
Manheim Pike and
Dillerville Road
Lancaster
394-0541

**New Holland Store**
219 S. Railroad Ave.
354-2146

**M. M. Good & Son**
R D #1
Gordonville
768-3781

**Mrs. Jacob L. Kurtz**
1160 N Market St
Elizabethtown
367-5430

**Wilson M. Scott**
R D #1
Willow Street
464-3521

**Quarryville Store**
27 E. 4th St.
786-2126

SHOP AGWAY FOR FULL VALUE — SERVICES and PRODUCTS

Lancaster Farming

SECOND SECTION

# LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein cow owned by Christian K Lapp, Gap R D 2 completed the highest 305 day lactation Ovation produced 18 145 pounds of milk and 912 pounds of butterfat with a 5 0 per cent test

Second high lactation was completed by a Registered Holstein cow owned by Richard H Hess, Strasburg, R D 1 Linda produced 21,430 pounds of milk and 839 pounds of butterfat with a 3.9 per cent test in 305 days

The herd of Amos B Lapp, Goldonville, R D 1, had the highest daily butterfat average This herd of 33 3 Registered & Grade Holstein cows averaged 58 3 pounds of milk and 2 10 pounds of butterfat with a 3 6 per cent test

The herd of David L Landis, 1896 Colebrook Road, Lancaster, placed second This herd of 27 4 Registered & Grade Holstein cows averaged 52 6 pounds of milk and 2 09 pounds of butterfat with a 4 0 per cent test

**FIRST 305 DAYS OF LACTATION WITH 600 OR MORE POUNDS OF BUTTERFAT**

| Owner | Breed | Age | Days | Milk | Test | Fat |
|---|---|---|---|---|---|---|
| Christian K Lapp | | | | | | |
| Ovation | RH | 5 2 | 305 | 18,145 | 5 0 | 912 |
| Tiune | RH | 5 3 | 305 | 15,350 | 5 1 | 785 |
| Alegeia | RH | 5-1 | 305 | 18,851 | 3 8 | 724 |
| Richard H Hess | | | | | | |
| Linda | RH | 7 8 | 305 | 21,430 | 3 9 | 839 |
| J Mowery Frey Jr | | | | | | |
| Beverly | RH | 7 4 | 305 | 19,364 | 4 3 | 825 |
| Bates | RH | 8 7 | 293 | 17,372 | 4 6 | 791 |
| Dutches | RH | 7 8 | 305 | 18,499 | 3 9 | 724 |
| Hedy | RH | 3 5 | 305 | 14,595 | 4 1 | 600 |
| Nathan E Stoltzfus | | | | | | |
| Betty | GrH | 7 6 | 305 | 16,920 | 4 7 | 799 |
| Raymond & Louise Witmer | | | | | | |
| Amy | RG | 6 6 | 305 | 15,681 | 5 0 | 789 |
| Pecolit | RG | 4 5 | 305 | 12,464 | 4 8 | 602 |
| Bennie L Fisher | | | | | | |
| Louise | GrH | 7-10 | 305 | 17,786 | 4 4 | 778 |
| Daniel S Esh | | | | | | |
| Coalie | GrH | 9 11 | 305 | 19,888 | 3 9 | 767 |
| John M Harnish | | | | | | |
| Beth | RH | 8 4 | 305 | 17,003 | 4 5 | 767 |
| Sally | RH | 3 1- | 303 | 16,303 | 4 4 | 710 |
| Milly | RH | 5 7 | 305 | 18,254 | 3 8 | 691 |
| Louise | RH | 4 6 | 300 | 15,154 | 4 0 | 610 |
| Harry G Kreider | | | | | | |
| Burke | RH | 10 5 | 305 | 19,321 | 3 9 | 763 |
| Charles Tindall | | | | | | |
| Lucap | RH | 6 5 | 305 | 19,228 | 4 0 | 762 |
| Owner - Name | Breed | Age | Days | Milk | Test | Fat |
| J Clayton Charles | | | | | | |
| Margret | RH | 5 5 | 286 | 16 158 | 4 7 | 756 |
| Lila | GrH | 3 2 | 294 | 12 139 | 5 1 | 624 |
| Bess | RH | 5 1 | 305 | 16 457 | 3 6 | 609 |
| John K Stoltzfus | | | | | | |
| Ruth | RH | 8 11 | 305 | 20 690 | 3 6 | 755 |
| S R Shellenberger | | | | | | |
| Dorisde | RH | 6 4 | 305 | 20 377 | 3 6 | 75 |
| Henry E Kettering | | | | | | |
| Topsy | RH | 6 8 | 305 | 18 355 | 4 0 | 743 |
| Albert Breneman | | | | | | |
| Faith | RH | 3 11 | 305 | 20 620 | 3 6 | 739 |
| Flossie | RH | 3 11 | 305 | 17 100 | 3 6 | 622 |
| Sam & Allen Kreider | | | | | | |
| Arlene | GrH | 8 2 | 305 | 18 721 | 3 9 | 731 |
| Melvin G Stoltzfus | | | | | | |
| Clara | RH | 9 7 | 305 | 18 355 | 3 9 | 713 |
| David D Zimmerman | | | | | | |
| Misty | GrH | 6 4 | 305 | 16 125 | 4 5 | 719 |
| Marie | RH | 3 6 | 305 | 15 811 | 4 1 | 647 |
| Ethel | GrH | 8 3 | 305 | 15 285 | 4 0 | 609 |
| Edwin K Wise | | | | | | |
| Karen | RH | 4 3 | 305 | 20 495 | 3 5 | 711 |
| Calvin D Beiler | | | | | | |
| Becky | RH | 7-1 | 305 | 16 813 | 4 2 | 709 |
| Dawn | RH | 5-10 | 305 | 17,468 | 3 5 | 619 |
| Kenneth L Beiler | | | | | | |
| Eileen | RH | 3 5 | 305 | 19,215 | 3 7 | 708 |
| Ulig | RH | 11 5 | 305 | 15 519 | 4 0 | 620 |
| Trixie | RH | 5 9 | 305 | 16 562 | 3 7 | 613 |
| J Z Nolt | | | | | | |
| Arlo | RH | 4 4 | 305 | 19 987 | 3 5 | 707 |
| J Floyd Kreider | | | | | | |
| Star | RH | 5 5 | 305 | 17,131 | 4 1 | 702 |
| Joseph W Best | | | | | | |
| 44 | GrH | 7-7 | 305 | 16 748 | 4 2 | 702 |
| A Dale Herr (Holstein) | | | | | | |
| H75 | GrH | 8 7 | 305 | 19,658 | 3 6 | 700 |
| Ezra M Martin | | | | | | |
| Kate | RH | 8-10 | 305 | 18 528 | 3 7 | 692 |
| Viola | RH | 4 6 | 304 | 17,142 | 3 5 | 602 |
| Lester T Good | | | | | | |
| Minnie | GrH | 7 5 | 305 | 15 703 | 4 4 | 690 |
| Fred Crider | | | | | | |
| Idela | RG | 6 3 | 305 | 13,900 | 5 0 | 689 |
| Cathy | RG | 8 0 | 305 | 13,876 | 4 3 | 603 |
| P Robert Wenger | | | | | | |
| Arlene | RH | 4 8 | 305 | 15,284 | 4 5 | 688 |
| James G Kreider | | | | | | |
| Nina | RH | 8-3 | 305 | 15,160 | 4 5 | 688 |
| Bethania Farm | | | | | | |
| 2 | RH | 6-10 | 284 | 14,449 | 4 8 | 688 |
| 45 | GrH | 3 2 | 276 | 14,349 | 4 2 | 606 |
| Paul & Ruth Bucher | | | | | | |
| Pansy | GrH | 6 7 | 305 | 18 569 | 3 7 | 686 |
| V Ferry Rohrer | | | | | | |
| Pearl | RH | 10-9 | 305 | 20,264 | 3 4 | 680 |
| Ben M Stoltzfus | | | | | | |
| Gladys | RH | 4 8 | 305 | 19,375 | 3 5 | 680 |
| Elmer S Myers | | | | | | |
| Sheila | GrH | 3 4 | 305 | 16,402 | 4 1 | 677 |
| J Eby Hershey | | | | | | |
| Jennie | RH | 7 9 | 305 | 17,910 | 3 8 | 676 |
| Reid & Holloway | | | | | | |
| 91 | GrH | 7 6 | 305 | 17,722 | 3 8 | 672 |
| C Witmer Sherer | | | | | | |
| Della | RH | 7 4 | 305 | 15 236 | 4 4 | 672 |
| Lloyd E Miller | | | | | | |
| Marie | RH | 3-10 | 305 | 18,369 | 3 7 | 671 |
| James A Hess | | | | | | |
| Lee | RH | 7-10 | 305 | 16,924 | 4 0 | 671 |
| Red Rose Research Center | | | | | | |
| A R Belle | RH | 8 6 | 305 | 17,753 | 3 8 | 667 |
| Honey | RH | 11-0 | 305 | 17,353 | 3 8 | 656 |
| N Gerhart & L W Nolt | | | | | | |
| 36 | GrH | 9-7 | 296 | 14,267 | 4 7 | 664 |
| 28 | GrH | 6 6 | 261 | 14,047 | 4 3 | 601 |
| Luke Ray Zimmerman | | | | | | |
| 6 | GrH | 5 8 | 305 | 18,301 | 3 6 | 660 |
| Amos B Lapp | | | | | | |
| Posch | RH | 9-5 | 248 | 14,632 | 4 5 | 659 |
| J Wade Groff | | | | | | |
| Queen | RH | 6-0 | 305 | 16,716 | 3 9 | 656 |
| J Rohrer Witmer | | | | | | |
| Dolly | RBrSw | 4-10 | 305 | 14,353 | 4 6 | 656 |
| Harry S August | | | | | | |
| Pansy | RH | 7-7 | 305 | 14,261 | 4 6 | 656 |
| Albert H Mellinger | | | | | | |
| Inka | RH | 4-10 | 301 | 13,642 | 4 8 | 652 |
| Betsy | RH | 4-11 | 305 | 14,885 | 4 2 | 618 |
| Robert T Bowman | | | | | | |
| Supreme | RH | 7-3 | 305 | 15,495 | 4 2 | 651 |
| John S Yost | | | | | | |
| Olive | RH | 2 5 | 305 | 13,364 | 4 9 | 650 |
| John L Landis | | | | | | |
| Lisa | GrH | 2-7 | 305 | 16 335 | 4 0 | 649 |
| Robert C Groff | | | | | | |
| Sheila | RH | 7-3 | 289 | 16,763 | 3 9 | 647 |
| Ivan S Stoltzfus | | | | | | |
| Susie | GrH | 4 3 | 300 | 15,532 | 4 2 | 647 |
| Maurice F Welk | | | | | | |
| Tammy | GrH | 6-1 | 305 | 15,500 | 4 2 | 647 |
| Samuel M Augsburger | | | | | | |
| Etta | RH | 4 6 | 305 | 15,209 | 4 3 | 647 |
| Inka | RH | 5 2 | 305 | 17,388 | 3 5 | 608 |
| John & Elam Rutt | | | | | | |
| Nora | RH | 7-10 | 305 | 19,338 | 3 3 | 644 |
| Wilbur N Erb | | | | | | |
| 22 | RH | 4 6 | 305 | 16,984 | 3 8 | 644 |
| Clarence Stauffer | | | | | | |
| Norma | RH | 4 3 | 305 | 14 544 | 4 4 | 644 |
| Lucy | RH | 3-4 | 305 | 19,415 | 3 3 | 635 |
| Paul B Zimmerman | | | | | | |
| Rosane | RH | 2 6 | 305 | 16,909 | 3 8 | 640 |

(Continued on Page 18)

# Ladies, Have You Heard? . . .

**By Doris Thomas, Extension Home Economist**

**How to Beat Inflation**

If inflation bugs you, don't just beef and bear it Do something! Take your cue from the decade of the thirties when everyone watched their pennies

THOMAS

They shopped smart, compared prices, passed up what they really did not need, bargainhunted, and made good use of what they had on hand If you do the same today, with incomes so much higher, you would actually make money because every saved dollar is a full dollar, whereas the earned dollar is reduced by taxes

Here are a few guidelines for tax-free savings

Buy only what you planned to buy when you go to the store If you spot something you want desperately, go home and think about it for a few days Chances are the urge to splurge will pass Since most men are greater impulse buyers than women, don't send your husband out for groceries

Watch the newspaper for food sales With a freezer you can buy enough of each sales item for several meals.

You will be dollars ahead if you substitute lower-cost fish, cheese or egg dishes a couple of times a week for red meat which accounts for 25 per cent of all you pay for food. And

(Continued on Page 21)

# Facts Dairymen Should Know

**By: Victor Plastow**
**Associate Agricultural Agent**

Louis Longo said that "Cooperatives have a major role to play in achieving top prices for farm produce through bargaining power In order to exercise this bargaining power, there must be unity among the various milk marketing cooperatives There are too many voices speaking for the dairy business." Longo believes that

Boards of Directors should be active, interested and progressive men

It is a responsibility to be a board member, not an honor.

When a man fails in his appointed role, he should be replaced

A cooperative is no stronger than its members

**Moving Into Free Stall Housing?**

Stress will be great when cows are moved from the conventional stall barn to the free stall facility Milk production will probably suffer Being milked in a milking parlor can be a traumatic experience for cows until they become accustomed to it Milking cows in a parlor for the first time can be equally hard on a man

Slowly develop the milking routine you plan for the cows Don't try to handle more than two units for the first few days Spend extra time on udder preparation Move slowly, deliberately and quietly No hollering and no beating on the cows even though you will be tempted

Use warm water in a bucket and toweling to prepare udders for the first week then use the hose and sprayer to wash udders Be especially careful to prevent injuries to cattle while milking

Keep strangers out of the milking pit

Under no circumstances do

(Continued on Page 23)

# Local Holstein Passes 30,000 Pounds of Milk

One local Holstein cow has exceeded 30,000 pounds of milk and two others have topped 1,000 pounds of butterfat, according to the Holstein-Friesian Association of America

Bonnie Comet Ormsby 5547951 (VG), owned by John W Eshelman & Sons, Red Rose Research Center, Lancaster, produced 30,090 pounds of milk and 1,034 pounds of butterfat in 305 days. She averaged nearly 46 quarts of milk each day throughout the testing period

Smyrna View Apollo Lois 5824377 (VG), owned by Nathan E Stoltzfus, Gap, produced 22,113 pounds of milk and 1,013 pounds of butterfat in 365 days.

Fultonway Crisscross Regina 63334755 (GP), owned by J. Mowery Frey Jr, Fultonway Farms, Lancaster, produced 19,374 pounds of milk and 1,041 pounds of butterfat in 365 days.

# DHIA MONTHLY REPORT

(Continued from Page 17)

| Owner - Name | Breed | Age | Days | Milk | Test | Fat |
|---|---|---|---|---|---|---|
| Clyde W Martin | | | | | | |
| Hazel | RH | 7 3 | 305 | 16,001 | 4 0 | 640 |
| Maud | RHRH | 5 7 | 305 | 17 282 | 3 5 | 606 |
| C Richard Landis | | | | | | |
| Nora | RH | 4 7 | 305 | 14,863 | 4 3 | 640 |
| Reuben Z Smoker | | | | | | |
| Ideal | RH | 6 9 | 305 | 16,162 | 4 0 | 639 |
| Ronald S Eby | | | | | | |
| Stephen | RH | 3 3 | 305 | 16,287 | 3 9 | 637 |
| Mike H Ranck | | | | | | |
| Pansy | RH | 2 2 | 305 | 14,010 | 4 5 | 637 |
| James W Bowman | | | | | | |
| Cherie | GrH | 3 3 | 305 | 13,779 | 4 6 | 637 |
| Samuel F Long | | | | | | |
| Lynn | RH | 7 10 | 305 | 22,923 | 2 8 | 636 |
| Mervin M Weaver | | | | | | |
| Sandy | GrH | 6 4 | 294 | 15,742 | 4 0 | 636 |
| John P Lapp | | | | | | |
| Ann | RH | 4 6 | 305 | 15,801 | 4 0 | 634 |
| Kenneth A Skiles | | | | | | |
| Sofie | GrH | 9-1 | 305 | 14 363 | 4 4 | 632 |
| Eve | GrH | 8 10 | 305 | 15,066 | 4 0 | 608 |
| Moses N Good | | | | | | |
| Marie | RH | 4 5 | 305 | 15,104 | 4 2 | 630 |
| Marion S Glick & Sons | | | | | | |
| 20 | GrH | 8 7 | 305 | 18 805 | 3 3 | 628 |
| J Mowery Frey | | | | | | |
| Becca | RH | 6 7 | 305 | 17,490 | 3 6 | 627 |
| John H Hershey | | | | | | |
| Edna | GrH | 5 2 | 305 | 14,626 | 4 3 | 627 |
| Edwin J Landis | | | | | | |
| Eileen | RH | 3 10 | 305 | 16,896 | 3 7 | 626 |
| Marvin S Nolt | | | | | | |
| 6 | RH | 5 1 | 305 | 16 079 | 3 8 | 61[illegible] |
| Alvin K Bollinger | | | | | | |
| Sadie | RH | 5 7 | 305 | 16 176 | 3 8 | 615 |
| Lantz Brothers | | | | | | |
| Joan | RH | 5 9 | 287 | 15,679 | 3 9 | 613 |
| Melvin M Groff | | | | | | |
| Gem | GrH | 8 10 | 305 | 14 618 | 4 2 | 615 |
| Carl L Martin | | | | | | |
| Starlet | RH | 2 6 | 305 | 15 943 | 3 9 | 614 |
| Mahlon M Fry | | | | | | |
| Daisy | RH | 8 8 | 305 | 15,279 | 4 0 | 613 |
| Elvin Hess Jr | | | | | | |
| Sue | RH | 8-5 | 305 | 11 692 | 5 2 | 611 |
| Robert L Weaver | | | | | | |
| Sally | RH | 4 6 | 305 | 15,049 | 4 1 | 610 |
| John J Landis | | | | | | |
| Dawn | RH | 6 2 | 305 | 15,024 | 4 0 | 608 |
| Queameade Farms | | | | | | |
| Olga | RH | 8 5 | 305 | 17 044 | 3 6 | 607 |
| Walnut Run Farm | | | | | | |
| Peggy | RH | 7 6 | 305 | 15,490 | 3 9 | 607 |
| Stephen J Stoltzfus | | | | | | |
| Wanda | GrH | 9 11 | 305 | 18,546 | 3 3 | 606 |
| J Vincent Becker | | | | | | |
| 56 | GrH | 5 1 | 305 | 15,079 | 4 0 | 605 |
| LeRoy S Smucker | | | | | | |
| Las | RH | 9 2 | 305 | 19,690 | 3 1 | 604 |
| Roy H & Ruth Book | | | | | | |
| Dolly | RH | 4 2 | 305 | 17,106 | 3 5 | 604 |
| I Tony | RH | 9-10 | 287 | 13,395 | 4 5 | 603 |
| Joseph Eshleman | | | | | | |
| Ruby | GrH | 8-5 | 305 | 16,091 | 3 8 | 604 |
| Petunia | GrH | 5 6 | 274 | 15,811 | 3 8 | 601 |
| Gerald L Kreider | | | | | | |
| Hazel | RH | 4 2 | 305 | 16,203 | 3 7 | 603 |
| John N Landis | | | | | | |
| Comet | RG | 6 2 | 305 | 12,525 | 4 8 | 602 |
| Ellis R Denlinger | | | | | | |
| Darcie | RH | 7 6 | 305 | 15,877 | 3 8 | 600 |

| Name | Breed | Days On Test | No. Cows | % Cow Days In Milk | Milk Lbs. | % Test | Fat Lbs |
|---|---|---|---|---|---|---|---|
| Amos B Lapp | R&GrH | 35 | 33 3 | 99 7 | 583 | 3 6 | 2 10 |
| David L Landis | R&GrH | 31 | 27 4 | 93 8 | 526 | 4 0 | 2 09 |
| Amos & Eleanor Hershey | R&GrH | 27 | 26 8 | 92 5 | 46 8 | 4 4 | 2 05 |
| Amos & Eleanor Hershey | R&GrH | 27 | 28 9 | 92 6 | 47 6 | 4 3 | 2 04 |
| Benuel K Stoltzfus | R&GrH | 33 | 28 0 | 89 3 | 56 9 | 3 6 | 2 03 |
| Albert E Fry | RH | 28 | 31 0 | 98 7 | 52 1 | 3 9 | 2 03 |
| Clarence M Murry | RH | 32 | 31 5 | 92 5 | 53 7 | 3 7 | 2 01 |
| Paul B Zimmerman | RH | 5 | 30 5 | 88 8 | 51 1 | 3.9 | 1 98 |
| John S Yost | RH | 33 | 32 0 | 93 8 | 46 6 | 4 2 | 1 95 |
| Harry G Kreider | R&GrH | 30 | 72 2 | 95 5 | 48 0 | 4 1 | 1.95 |
| John & H Farrington | RH | 24 | 29 0 | 96 6 | 51 0 | 3 8 | 1 95 |
| Robert L Weaver | R&GrH | 26 | 24 3 | 99 1 | 50 0 | 3 9 | 1 94 |
| Samuel F Long | R&GrH | 29 | 43 7 | 96 7 | 51 8 | 3 7 | 1 93 |
| Allen R Shoemaker | R&GrH | 29 | 36 7 | 93 0 | 47 2 | 4 0 | 1 91 |
| Ralph Myer & Sons | R&GrH | 21 | 55 0 | 91 2 | 51 2 | 3 7 | 1 89 |


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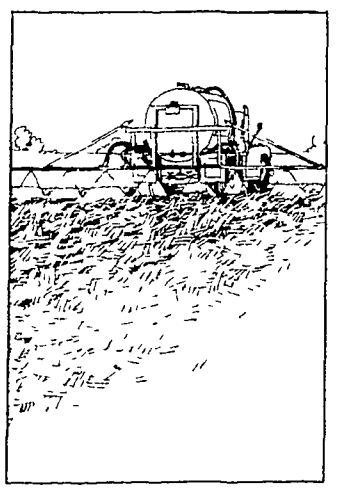

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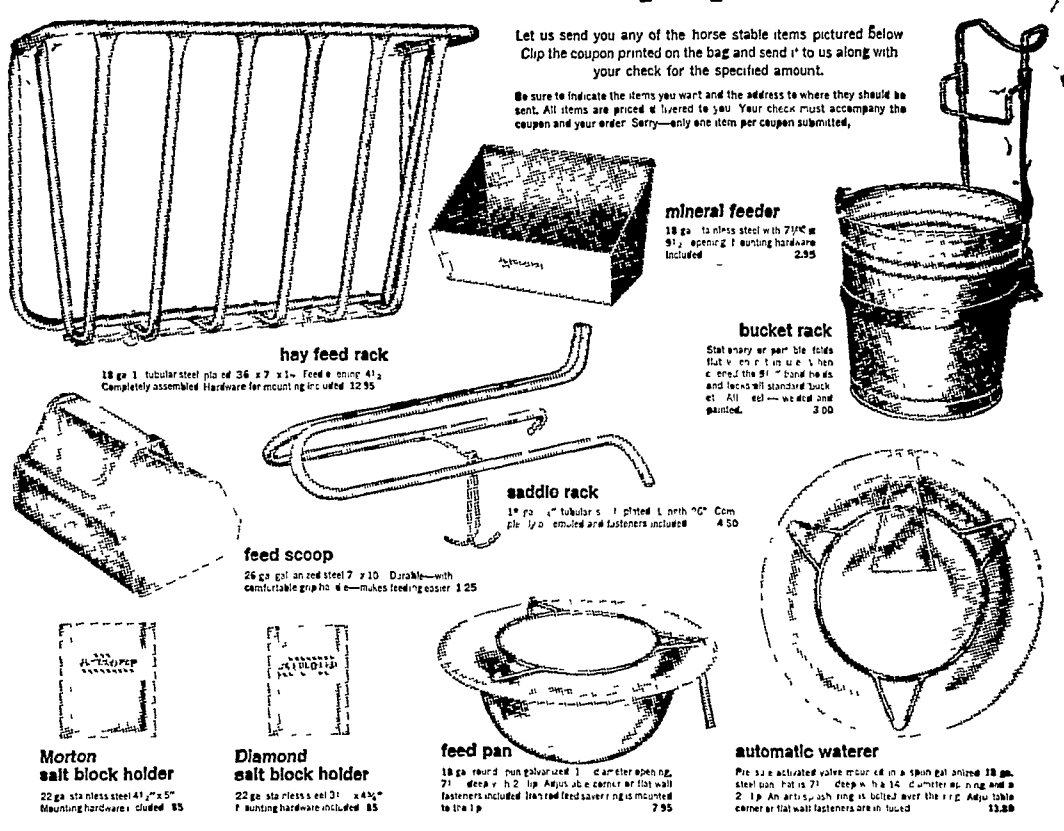

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# Grange Youths Warn of Road Resurfacing Delay

Lancaster County Pomona Grange 71 held a quarterly meeting at White Horse recently. Salisbury Grange 1685 was host. Since April is youth month in the Grange, the young people filled the officers' chairs.

James Huber, youth Master from Fulton Grange, conducted the business session when the following resolutions were adopted.

(1) WHEREAS, The Sec of Highways has stated that he will not resurface any roads during the present year as the money is needed to finance present and future road-building projects And

WHEREAS, It is not a good business practice to delay resurfacing beyond a certain point as such roads break up so badly that the cost of putting them back in service is almost as costly as a new road And

WHEREAS, The residents of rural Pennsylvania are largely the users of such roads And

WHEREAS, The rural motorists pay the same license fee and the same gasoline tax as other residents And

WHEREAS, The Highway Department will receive more than twice the amount of money this year as any other year in our history for road work. Be it

RESOLVED, That Lancaster County Pomona Grange 71, meeting in regular session, demand that a fair share of the highway fund be spent resurfacing and improving secondary roads

(2) WHEREAS, Law enforcing agencies are greatly hampered by some ridiculous decisions of our higher courts, such as requiring said officers to knock loudly, state who they are and why they are there before entering to make an arrest or seize evidence, under the guise of preserving the rights of the individual And

WHEREAS, Such stupid decisions do not uphold the intentions of the law and only serve to protect the criminal while millions of law-abiding citizens suffer at the hands of criminals And be it

RESOLVED, That Lancaster County Pomona Grange meeting in regular session, demand that those serving in judicial capacity consider the intent of the laws they are to interpret and the rights of the law abiding citizens instead of the criminal And be it further

RESOLVED, That legislation be enacted giving law enforcing officers the right to do what is necessary to apprehend criminals.

(3) WHEREAS, The use of the drug commonly known as LSD causes the individual to behave in such a manner as to endanger their own life and the lives of those around them, even years after they have used the drug And

WHEREAS, It is odorless and tasteless, and is often used by drug pushers to get new customers by dropping it in food and drinks to be consumed by said prospects, causing them to get deathly sick and in many instances losing their life Be it

RESOLVED, That LSD be placed on the same basis as heroin and other deadly drugs Be it further

RESOLVED That the penalty for serving it to any individual without their knowledge be death or life imprisonment as determined by the jury

(4) WHEREAS, The welfare program in our state is rapidly getting out of hand and is becoming one of the largest items on our state budget And

WHEREAS, This has been abetted by recent increases in the amount paid to welfare recipients and a recent decision of our courts that no one could be removed from the welfare rolls without a fair court trial which proved them ineligible And

WHEREAS, Many individuals are moving into our state, just to get on our relief roll. And

WHEREAS, State funds paid to welfare recipients are being used to support unions to work to get more and more money for such individuals And

WHEREAS, We recognize that Pennsylvania must have a welfare program to aid those really in need but we firmly believe that it should not be such as would encourage individuals to remain on relief rather than work, or such that it attracts individuals from other states, or gives them funds to support unions Be it

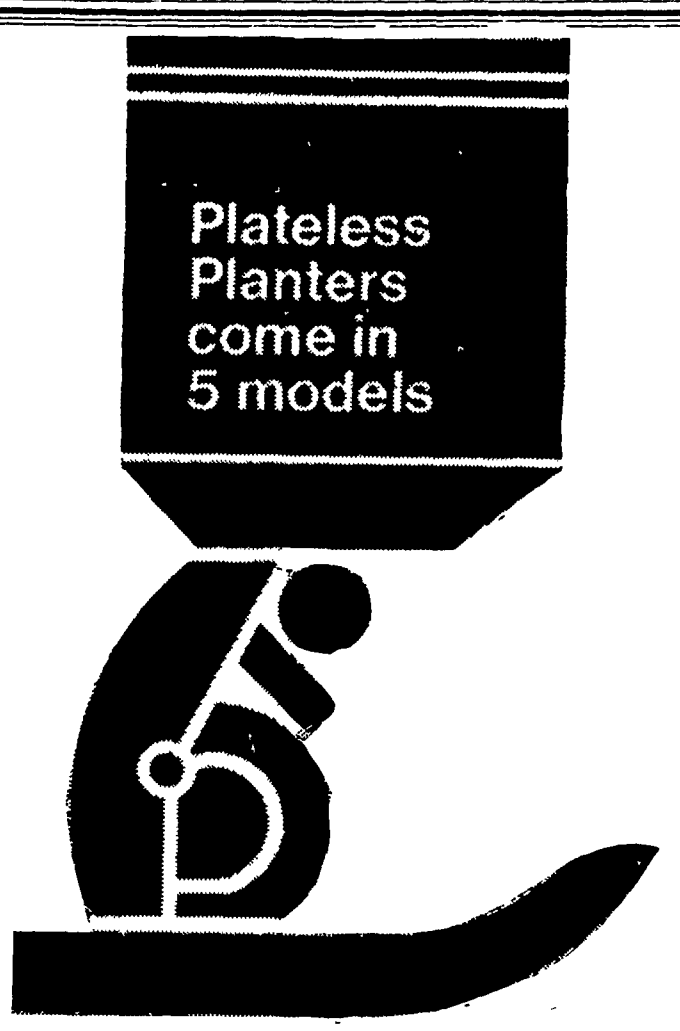
RESOLVED, That Lancaster County Pomona Grange 71, meeting in regular session, ask that our entire health and welfare program be carefully studied and such changes as necessary be made to correct the above discrepancies

(5) WHEREAS, There will most likely be an increase in the postal rate, in the near future, of the several classes of mail due to the increase of wages paid to the postal workers and federal employes.

WHEREAS, The increase in postal rates should be used only to pay for postal employes, not for every federal employe

WHEREAS, The Post Office Department should be self-sup-

(Continued on Page 23)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(we fed five of the top ten)

**21 cows with over 750 lbs. of fat**
(we fed four of the top ten)
(ours averaged 879 lbs.)

**47 cows with lifetime fat production over 3,000 lbs.**
(we fed 30% of those)

**The highest herd average was 15,044 lbs. of milk.**
(Guess who fed them.)

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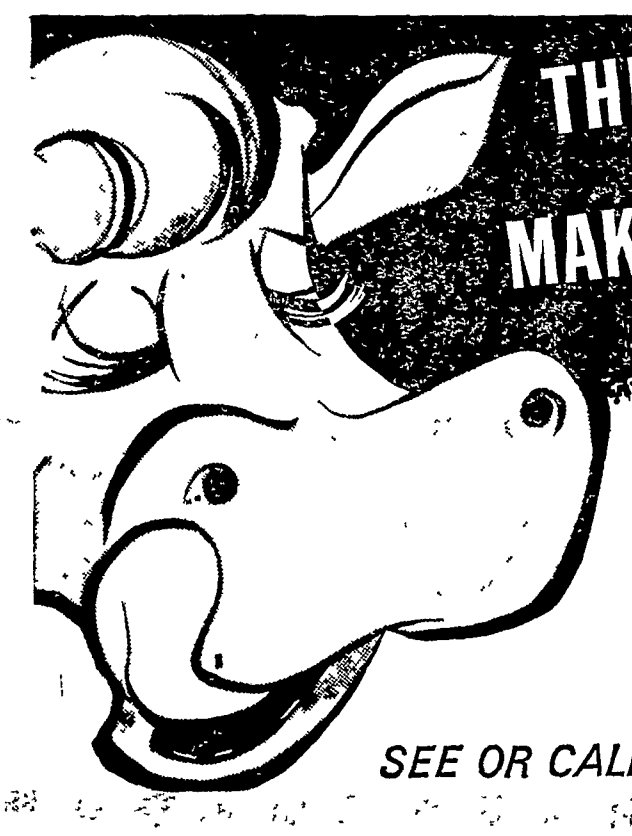

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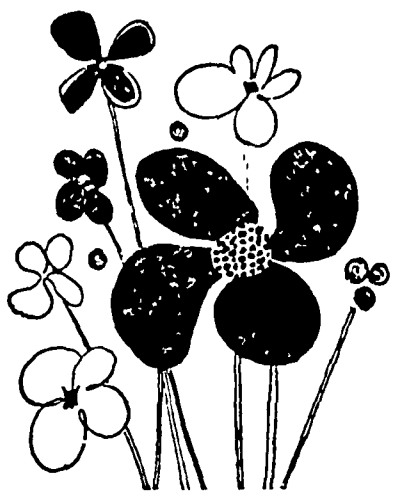


FOR THE
# FARM WIFE AND FAMILY

## *Cakes to Please*

by Mrs. Richard C. Spence

Don't skip desserts with your meals Economical meals don't have to be plain meals A delicious addition to menus desserts spark interest from family members

Cakes seems to be a universal favorite as far as desserts go And as far as a favorite of men the cake would be a coconut layer cake

### COCONUT LAYER CAKE

½ cup shortening
1 cup sugar
1 teaspoon salt
1 teaspoon vanilla
2 eggs
2 cups sifted cake flour
1 tablespoon double - acting baking powder
¾ cup milk
Strawberry preserves
Coconut Cream Frosting

Cream shortening Add sugar salt and vanilla Cream until fluffy Add eggs, one at a time, beating well after each addition powder Add alternately with Sift together flour and baking milk, adding flour first and last Mix until thoroughly blended Pour equal amounts of batter in to pans (8 inch layers) that have been lined with 2 layers of waxed paper Bake in a moderate oven (375 degrees) about 30 minutes When cool, remove from cake pans Use strawberry preserves as the filling Frost the cake with Coconut Cream Frosting

### COCONUT CREAM FROSTING

⅓ cup shortening
3 cups sifted powdered sugar
5 tablespoons milk
½ teaspoon salt
1 teaspoon vanilla
½ cup shredded coconut

Cream shortening until soft and fluffy Add powdered sugar, milk, salt and vanilla Beat until smooth and creamy Spread strawberry preserves between the two cake layers and frost top and sides with frosting Sprinkle with shredded coconut

### ORANGE CASHEW CAKE

¼ cup graham cracker crumbs
½ teaspoon nutmeg
¼ pound butter or margarine
4 eggs, separated
1¼ cups sugar
1 cup salted cashews, ground
2 teaspoons grated orange peel
2½ cups sifted flour
3 teaspoons baking powder
½ teaspoon salt
1½ cups fresh orange juice

Grease a 9 inch spring form cake pan Combine graham cracker crumbs and nutmeg sprinkle evenly over inside of greased pan Cream butter, egg yolks and one cup sugar until light and fluffy Add cashews and orange peel Sift together flour, baking powder and salt add to creamed mixture alternately with one cup orange juice, beginning and ending with flour mixture Fold in stiffly beaten egg whites Turn into prepared pan, bake at 350 degrees for 1 to 1¼ hours, until cake tests done In small saucepan bring remaining orange juice and sugar to a boil, reduce heat and simmer for 10 minutes Pour over top of hot cake Let cake cool completely in pan

### APPLE UPSIDE-DOWN GINGERBREAD

Topping:
1 can (1 pound) sliced apples
⅔ cup molasses
½ cup sugar
2 tablespoons butter or margarine
Gingerbread:
½ cup butter or margarine
½ cup sugar
2 eggs
⅔ cup molasses
2 cups sifted all-purpose flour
1½ teaspoons baking soda
¾ teaspoon salt
1 teaspoon ginger
½ teaspoon cinnamon
½ teaspoon ground cloves
½ teaspoon nutmeg
⅔ cup orange juice

Arrange apples in greased 9 x 13 x 2-inch baking pan Pour molasses over apples sprinkle with sugar and dot with butter

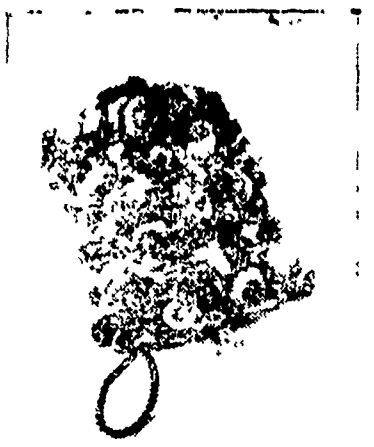
Cream together butter and sugar Beat in eggs, one at a time Blend in molasses Sift together flour, baking soda, salt and spices Add to creamed mixture alternately with the orange juice, beginning and ending with flour mixture Spoon mixture over apples Bake in 350 degree oven 50 minutes To serve invert on serving platter

### PARTY-PERFECT GINGERBREAD

1 package (14 ounces) gingerbread mix
1 cup water
½ cup flaked coconut
½ cup chopped almonds
2 tablespoons butter or margarine
1 cup dairy sour cream
3 tablespoons honey
¼ teaspoon ground ginger
1 (1-pound, 4-ounce) can pineapple tidbits, drained
Toasted coconut

Preheat electric skillet, covered to 280 degrees Prepare gingerbread mix according to package directions, using one cup water Stir in coconut and almonds Melt butter or margarine in preheated electric skillet, pour in batter Cover, bake 15 minutes with vent on cover closed, and 5 minutes more with vent open Meanwhile, combine sour cream, honey, ginger and pineapple

(Continued on Page 21)



"Ring around the rosy," a muff full of posies. Carry a rose bouquet around with you through cold wind and snow. This rose muff goes wonderfully with the look of a maxi coat, or any coat. To make one, you need worsted yarn in variegated roses and olive green, plus a 7½" long muff form The inner base, the raised rosettes and leaves are all crocheted. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PC 3232.

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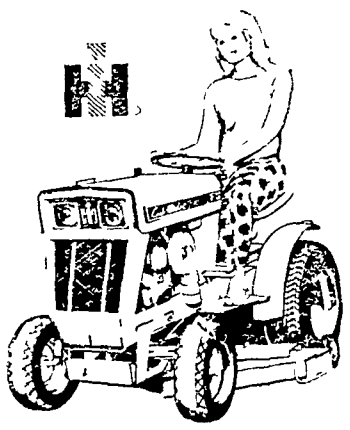

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FARM CREDIT SERVICE

## ● For The Farm Wife

(Continued from Page 20

When gingerbread is done, turn off heat and remove cover Let stand two to three minutes, then invert onto serving plate or tray. Spread pineapple mixture over top and sprinkle with toasted coconut Serve warm. Makes 12 servings

**CARIBBEAN SPICE CAKE**

**1 (1-pound, 1-ounce) package pound cake mix**
**1 (14-ounce) package gingerbread mix**
**1¼ cups milk**
**2 eggs**
**3 tablespoons grated orange rind**
**¼ cup flaked coconut**
**24 whole blanched almonds, optional**

Combine the two mixes in large mixer bowl Blend in ¾ cup milk; beat at medium speed for 1 minute Add eggs, blend, beat 1 minute Blend in remaining milk; beat 1 minute Stir in orange rind. Turn into a greased 13 x 9 x 2-inch baking dish Sprinkle with coconut, arrange almonds over top Bake in a preheated slow oven (325 degrees) about 45 minutes or until done Cool completely in dish on wire rack Makes 24 squares

# Ladies, Have You Heard?...

(Continued from Page 17)

you will not be compromising on nutritive value, because these foods have essentially the same protein value as meat

Convenience foods as prepared potatoes, prechopped onions or frozen specialties save time at the expense of money You must decide if you are willing to exchange time for savings

According to the U S Department of Agriculture, about 10 per cent of food calories the average family buys ends up in the garbage So if your family is not eating everything you dish out, serve less and buy accordingly

### Baking Soda's Uses

Do not pass up the opportunity for further sizable savings by substituting multi-use baking soda, for a wide assortment of single use products Inexpensive soda, for example, can replace such costly grooming staples as dentifrice, mouthwash deodorant, after shampoo rinse , foot powder, such medicine cabinet essentials as acid indigestions remedy, sunburn and poison ivy lotions, and sore throat gargle

And when it comes to cleaning, baking soda used either in solution or dry as a scourer offers certain unique advantages over the specialized and costlier compounds It ousts odors, gets at the source and kills them rather than camouflaging them beneath a floral fragrance And baking soda is pure not a conglomerate of unpronounceable chemicals . . so that when cleaning, particularly around food areas, you are not haunted by fears of harmful residue

### Take Care

Many women firmly believe that the safest and cleanest place for their family to eat is at home Yet, even though you take great pride in your gleaming kitchen, you may neglect a few sanitary measures that are vital safeguards for your family's health

For example, too many women are content with taking a hasty damp cloth swipe at their meat cutting board before stowing it away for future use

Consequently, small pieces of meat are sometimes left imbedded in the wood to provide an excellent breeding ground for bacteria The next piece of meat cut on the board will be contaminated

Be certain to scrub the wooden cutting surface thoughly with hot suds after each time you use your board Rinse immediately and wipe dry

Food poisoning in home kitchens may also result from careless use of insect spray or other household chemicals by placing it in a tightly-closed cabinet or refrigerator Wash your hands thoroughly after using and wash all utensils containing such chemicals

Even though the National Safety Council has done a great job of cutting down on our country's preventable accidents the home is still at the top of the list of danger areas But with a few simple safeguards, you can do much to keep your home a healthy place to live

It's a scarf—it's a cap—it's both. It's the handiest, dandiest way to keep warm, this winter and next This scarf-cap makes a marvelous knitting project for teenagers because it is quick and easy. You do it in the stockinette stitch on large needles alternating stripes of variegated worsted yarn with a solid color The 69" long piece is folded in half lengthwise and seamed to form a tube. Tuck in one end of the scarf to fit your head and, presto, a cap! Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PL 4606.

### Control Sheep Parasites

The control of internal parasites, the chief disease problem of Pennsylvania sheep, is essential for a successful and profitable sheep business, according to the Penn State Veterinary Science Department

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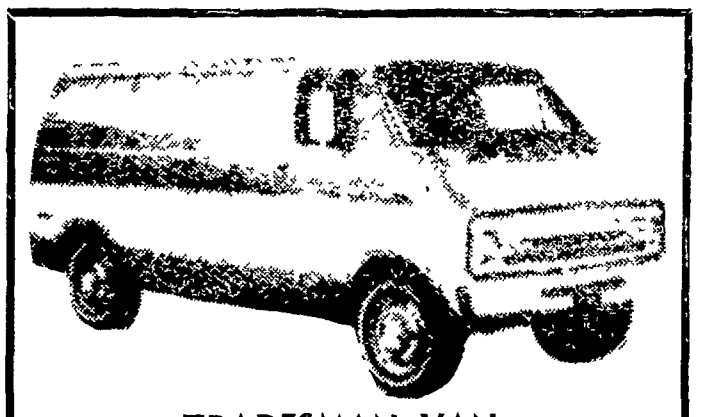

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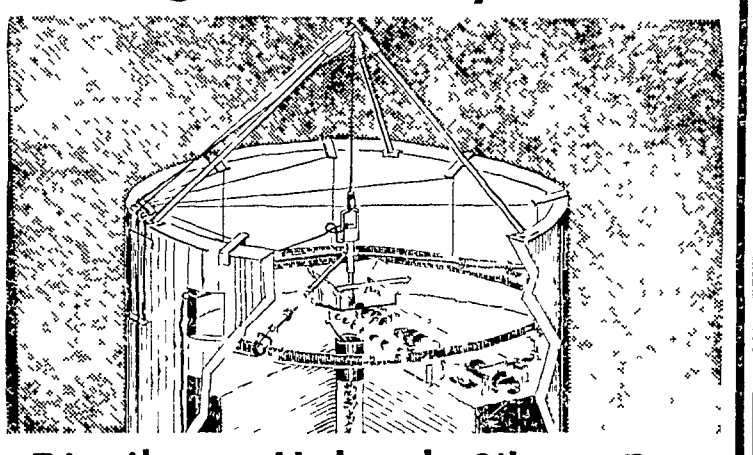

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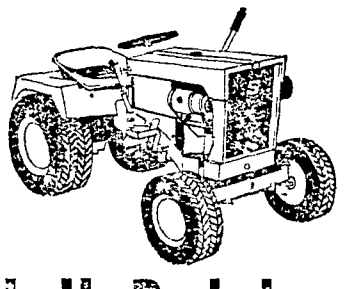

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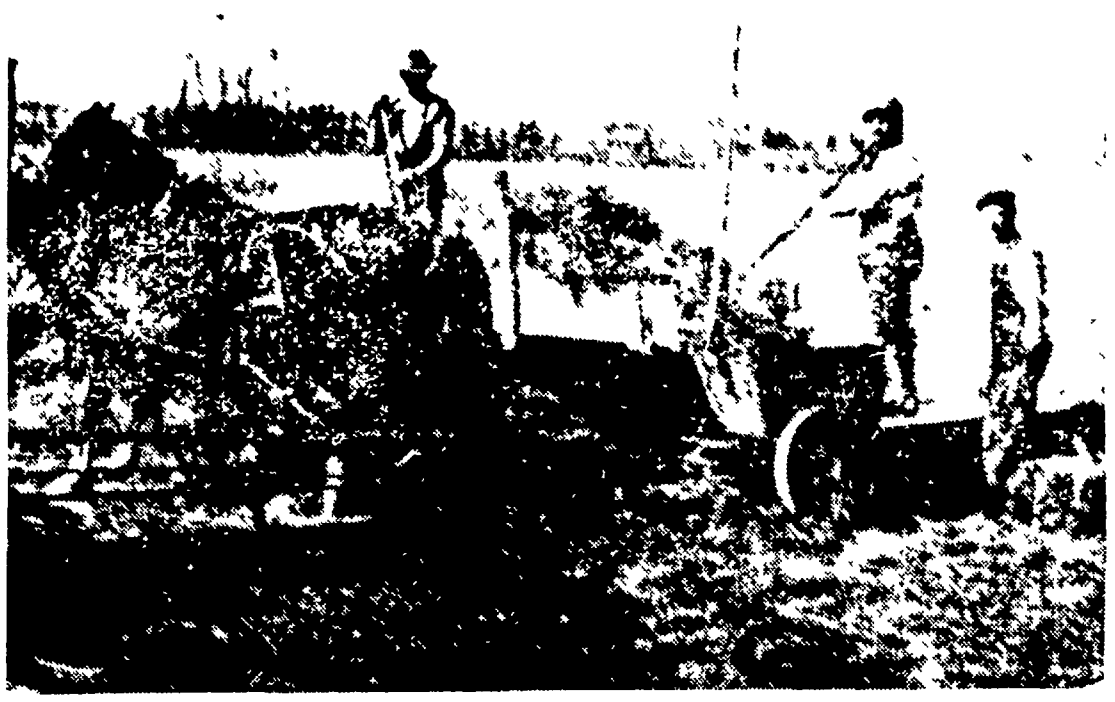
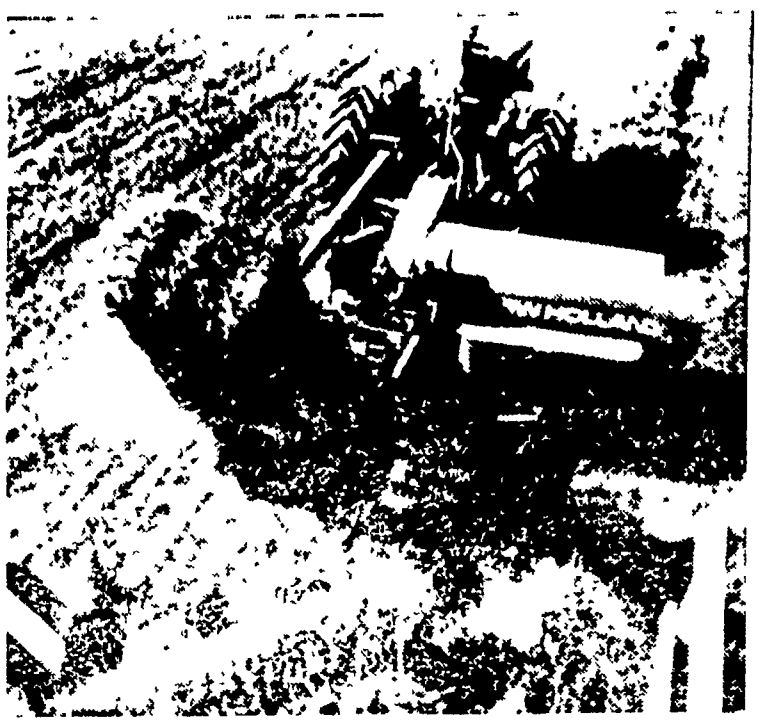
# The Old and the New



The turn of the century portable press is shown in operation.



The baler of the '70's with bale throwing attachment heaves a bale onto a trailing wagon.

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## Virus Inoculation May Stop Marek's Disease

A virus, newly isolated from turkeys, shows promise for the control of Marek's disease, according to reports of research conducted at Michigan State University

The turkey virus causes the chicken's body to produce antibodies similar to those formed in chicken infected with the herpes virus that causes Marek's disease

So far, the turkey virus has not caused disease in chickens or turkeys. Tests have shown that chickens inoculated with the non-pathogenic virus were protected against attacks by the Marek's disease virus

## Feds Hit 2,4,5-T Use Around Homes

The federal government has taken steps to halt the use of the controversial herbicide 2,4,5-T as a weed-killer around homes.

The order immediately halts interstate movements of the liquid herbicide The nonliquid forms, not considered as imminently harmful, will remain on sale, however

The federal action does not affect sales of the herbicide already on retail store shelves, nor can it stop use of commercial products containing the herbicide already purchased by home gardeners.

The action does not affect uses of 2,4,5-T for control of weed and brush on range, pasture, forest, rights of way and other non-agricultural land. These areas account for most of the use of the herbicide in the United States.


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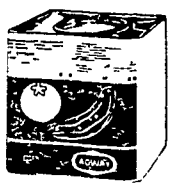

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1% ROTENONE DUST

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Safe for flowers, shrubs, vegetables Harmless Use up to harvest time

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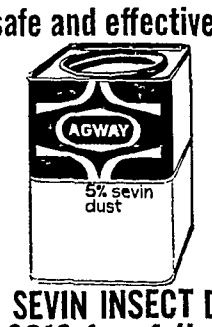


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# Facts Dairymen Should Know

(Continued from Page 17)

any medical treatment or allow the veterinarian to treat cows in the milking parlor.

**Teat Dipping**

Is it a management tool or crutch? Don't allow teat dipping to become a "crutch" to replace good management in your herd. Research on teat dipping following each milking with a chlorine or iodine disinfectant plus dry cow treatment with antibiotics, looks very promising as a control for mastitis.

However the dairyman who now looks good management, milking procedure and equipment to lean on teat dipping as a management crutch is headed for disaster. It is a disease resting from management. High producing herds have low mastitis even without teat dipping.

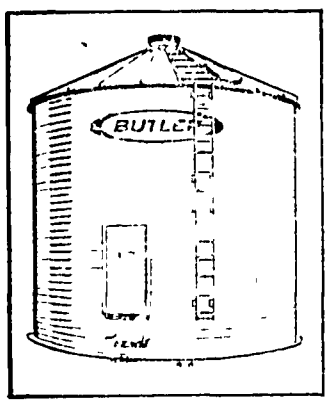
**Cost of Replacements**

How much is a well-grown two year old heifer worth to fresh in your commercial dairy herds?

Dairymen with accurate records say $300, plus the genetic value of the animal when born. The $300 represents the actual cost of raising the animal. The genetic value added to the cost of raising a herd replacement varies widely among herds. The usual value is between $100 and $200, so the total value for a heifer ranges between $400 and $500.

However, the dairyman who needs a fresh heifer as a herd replacement can afford to add $150 to the cost price as that's what a good animal will make for him as labor management income the first year in his herd.


**They Look New; They Are New!**

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# Grange Youths Warn of Road Resurfacing Delay

(Continued from Page 19)

porting. The first class mail is the only class of mail that is paying its own way. Therefore be it

RESOLVED That before there is any increase in postal rates that they be studied by Congress to determine that the Post Office Department is such it will operate like a business and that Postal classes of mail be made to carry their proportionate share of the cost.

Serving on the resolutions committee were C. G. Hostetter, Alfred Wanner Sr. and Jesse Cutler.

Norman Wood reported on visiting Chester - Delaware Pomona 3 April 11. Mr. and Mrs. Richard Holloway were appointed on the visitation committee to report at the next meeting. Mrs. Jesse Wood was delegated to attend the State Grange Leadership School at Gettysburg June 23 25 and Gyles Brown, Pomona Master, will attend the election of trustees at Pennsylvania State University June 10.

R. Clair Murphy was installed as Assistant Steward and Alfred Wanner Sr. as a member of the Executive Committee.

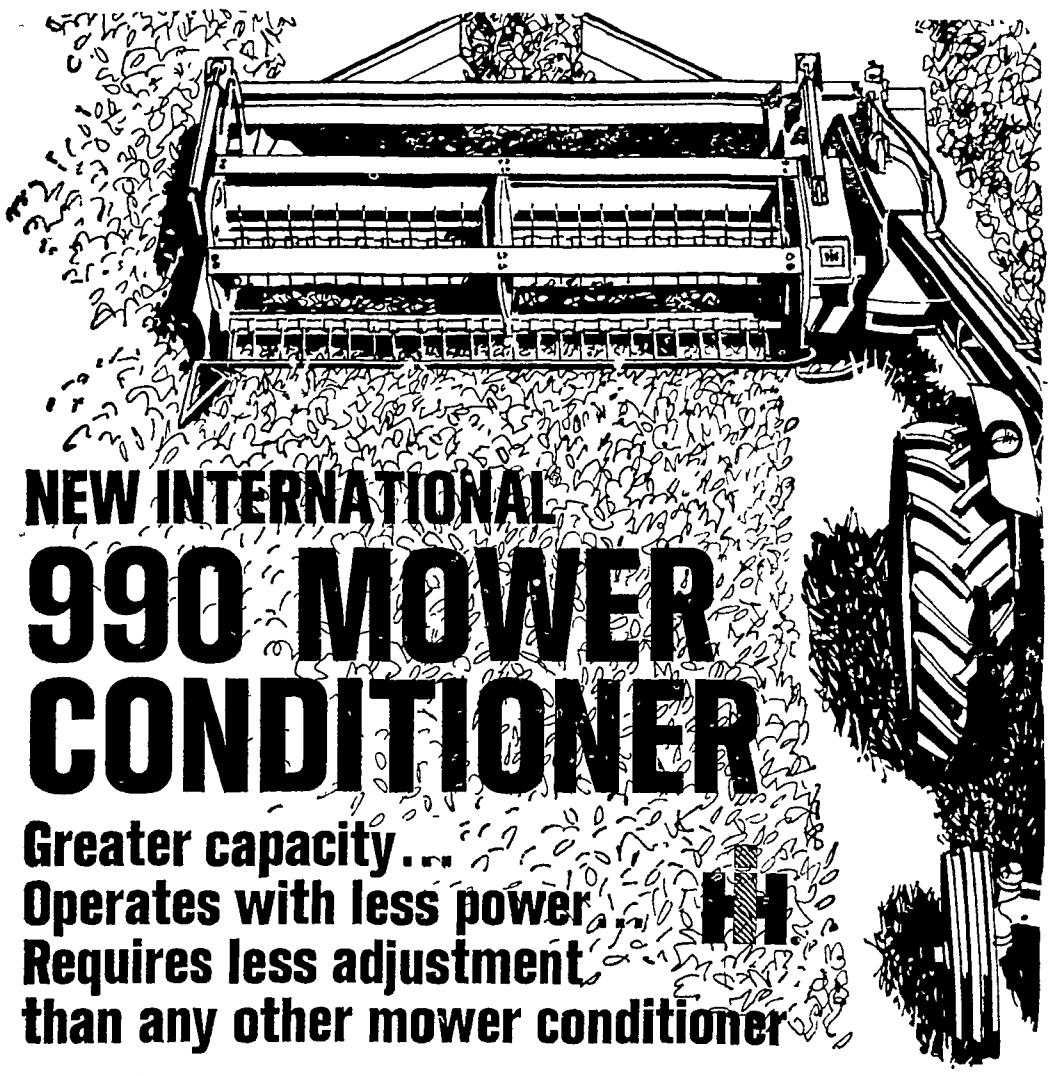
Mrs. Jesse Wood, Lecturer presented the program with the theme "April Showers Bring May Flowers." Jesse Cutler served as moderator for a panel discussion on 'Water' with Mrs. Richard Maule, Clifford Holloway Jr. and Alfred Wanner Jr. taking part. The Pomona chorus presented several selections. Youth Chaplain, Alfred Wanner Jr., gave Harry A. Caton's springtime prayer and Mrs. Wood conducted an activated roand with 16 people participating.

Lancaster County Pomona Grange will celebrate its 50th anniversary Oct. 10 when John W. Snyder, Master of the National Grange will be the speaker. A Watermelon dance of the Pa. Young People's State Grange, and Mrs. Ruth Yager Grange of the Pa. State Grange will also be present. The Pomona officers with Mrs. Jesse Wood chairman, Mrs. Melvin C. Bower, Mrs. Joseph G. Hess, Mrs. Ira Weil, Mrs. Richard Hanks and Ralph Wanner will serve on the planning committee.

The next County visitation meeting will be held May 12 at White Horse Fire Hall as guests of Salisbury Grange with Colerain officers filling chairs and Fulton Grange presenting the program. Mrs. Benjamin Herr of Quarryville will present a travelog in pictures of Japan. July 13 Fulton Grange will host the county granges with Salisbury Grange presenting the program and filling the chairs.

June 27 the Lancaster County and Montgomery County Pomonas will present the program at the district visitation meeting in Bucks County. Chester Delaware Pomona will fill officers' chairs.

The Pomona Grange picnic will be held August 22, 7 p.m. at Holtwood Park. Colerain Grange will provide rolls, butter and beverage. Everyone should bring a meat dish and another dish.

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*Helps Swine, Poultry Industries*

# Large U. S. Soybean Output

The two articles on pages 24 and 25 present the highlights of a speech by Clarence D. Palmby, assistant secretary of agriculture, before Minnesota soybean producers in February.

While farmers in this area are not directly involved with soybean production to any significant degree, Palmby's statements and facts make it clear that soybeans indirectly have great significance for many local farmers.

In his speech, which was edited to meet space requirements, Palmby explains how plentiful soybean production in the U.S helps make other farm operations, including swine and poultry production, much more efficient. He also touches on world trade and other factors which, to some extent, help determine the success of every farm program.

Palmby also explains how soybean oil has been replacing butter, laid and edible tallow, a change Palmby attributes largely to changes in the eating and living habits of Americans. He also notes the accelerating consumption of poultry and beef, the production of which requires huge inputs of feed products such as soybean meal

Our country is blessed with abundance beyond man's imagination Of all our abundance, however in the eyes of understanding farmers around the world, the most envied is our huge volume of soybean meal for poultry and swine rations

Broiler producers in Rumania Czechoslovakia, Russia, Korea and in an almost endless list of countries all over the world would like to be able to incorporate exactly the right amount of high quality soybean meal in feed formulas — the correct amount to make possible the maximum of broiler meat per ton of feed

What then is the soybean situation midway in the 1969 70 marketing year?

Exports of soybeans will be up 55 to 70 million bushels this marketing year — a record annual increase

Soybean meal exports seem to be increasing at the rate of about 15 per cent this year

Domestic crushing is of course moving at an all time high

The availability of soybeans in the United States has been a blessing to the growing poultry and swine industry around the world Without the availability of soybean meal the poultry and swine industry simply could not expand in the manner which it has

The lessened competition in the world market from Russian sunflower seed and oil has naturally contributed to the strength in the world oil market

To an outside observer, it would seem that the pressure from within Russia for more oil in the diet of its people may be a major factor in what is taking place in the lack of availability of sun oil for world commerce

The present healthy movement in soybeans and soybean products dare not allow the United States to relax in keeping trade channels open around the world Japan will be encouraged to do away with the import levy on our soybeans

While the EEC (Common Market) has recognized our right to supply soybeans dutyfree to the Community, we dare not relax in our determination to have this respected in the future Soybeans have enjoyed a growing market situation in Europe not unlike small European cars have enjoyed a growing market in the United States

Crushing margins have been attractive to soybean processors in the U S during this marketing year Returns to swine producers are also quite satisfactory and have been for several months. This is the American system

Great forces are at work in our nation influencing the buying habits of housewives. We are experiencing a greater recognition and increased expenditure aimed at the lower income groups in our Nation. These programs are felt in the market place

The programs and the expenditures offer opportunities to those involved in the food industry — and you are all involved in that industry.

Profits or operating margins attract capital You may be sure that soybean processing capacity in this nation will expand Plant equipment will also be made more efficient Likewise, we shall see more capital investment flow into commercial hog production. I mention these two because each industry in its own way is of great interest to soybean producers Soybean crushers like swine producers have a habit (after experiencing favorable returns) of over expanding and tightening their margins.

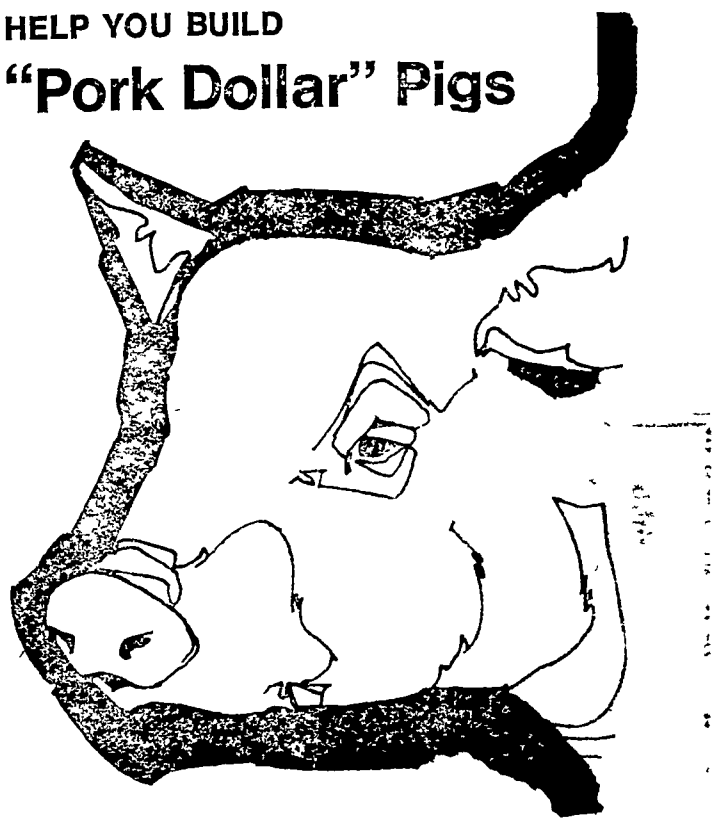
It should always be remember-

(Continued on Page 26)


## LET YOUR WAYNE DEALER

HELP YOU BUILD

## "Pork Dollar" Pigs



Pigs must have protein Corn is low in protein, and the protein it contains is poor quality. So, without protein supplements, the pig overeats to get the protein he must have to grow. When *that* happens, the excess grain turns to fat, and the amount of feed needed per pound of gain increases. For lean, fast-growing pigs that turn your feed into pork dollars, feed Wayne Pig Grower, the *complete* feed for that critical growth period between 50 and 125 lbs. See us now!

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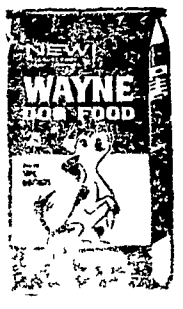


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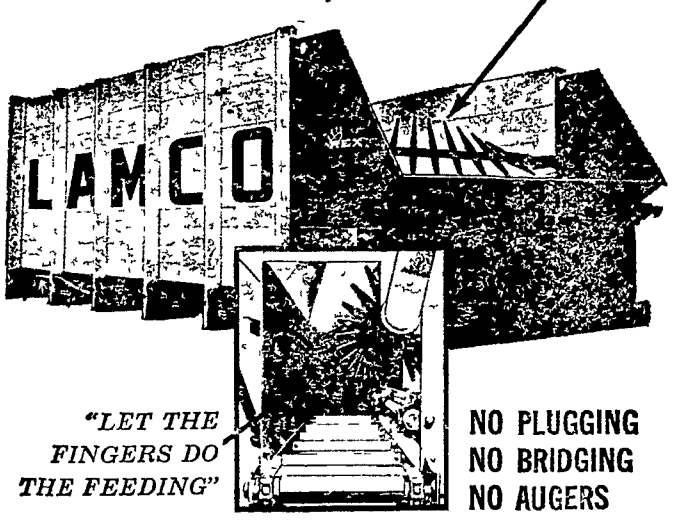


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*While Butter, Lard, Tallow Consumption Drop*

# Soybean Oil Use Grows in U. S.

Consider for a moment the oil derived from the soybean Compare consumption trends with competing fats and oils

Over the past 10 years, one of the things that impresses is the decline in the use of animal fats, and the general rise in the use of vegetable oils, particularly soybean oil.

The consumption of butter in the United States continues to decline. The per capita consumption dropped from around 7 5 pounds in 1960 to 5 5 pounds in 1969

There was a dramatic drop in total lard consumption — from 11.1 pounds per capita to 8 5 pounds per capita There has been a modest rise in consumption of edible tallow in the past decade (from 1 8 to 2 6) but not nearly enough to offset the total decline in total use of animal fats

The production of butter, lard and edible tallow in this country totaled 4 4 billion pounds in 1960 By 1969, output had fallen to 3 6 billion pounds

Thus, there was about a billion pounds less annually of butter, lard and edible tallow available for consumption at the end of the decade

The total per capita consumption of edible vegetable oil and animal fats in the United States in 1969 totaled 51 6 pounds as compared to 45 3 pounds in 1960

Interestingly, the per capita consumption of animal fats decreased to 16 6 pounds in 1969 as compared to 20 4 pounds in 1960, while the vegetable oil per capita intake totaled 37 2 pounds in 1969 as compared to 28 5 pounds in 1960 Soybean oil accounts for 28 4 pounds of the vegetable oil portion last year as compared to 18 8 pounds in 1960

Total production of edible vegetable oil rose from 6 6 billion pounds in 1960 to 9 0 billion pounds in 1969 So while animal fat production was down nearly a billion pounds, vegetable oil production was up nearly 2 5 billion pounds

Various factors figured in these changes

Cottonseed oil production declined with the drop in cotton production of recent years At the beginning of the 1960's, cotton production was running at 14 3 million bales In 1969 the crop was 10 1 million

The drop in lard production is related to the higher quality of meat-type hogs being produced If you look at USDA grading standards for hogs today you find that today's U S No 3 slaughter hog is quite close in appearance to what we thought of 20 years ago as the top of the market No 1 and 2 hogs are of a much leaner type

The drop in butter production is related to the long-term trend toward the substitution of margarine on the family table

There is an overall increase in the use of fats and oils And an increasing share of this market has gone to vegetable oils I suspect that the general increase in the use of these products is in part a reflection of the changing eating habits of Americans — changes in the time, the place, and the frequency of eating

We know that the use of "snack type" foods has gone up sharply A Department of Agriculture study a few years ago

(Continued on Page 26)

# Why Soybeans Aren't Big Locally

"It's a crop that's never really moved in this area and I don't think it ever will"

That's Arnold Lueck, associate county agent talking about soybean production in Lancaster County

It's not that soybeans aren't tremendously important in Lancaster County The crop is invaluable to the county's two biggest farm income producers, dairying and poultry, as a source of high protein feed at relatively low cost

But for a combination of reasons, the crop has never caught on in this area

Perhaps the most important reason is that soybeans usually are "grown on large farms in big grain areas" where, unlike in Lancaster County, it's not necessary to have "a high return per acre"

Lueck also noted that harvesting in this area has proven to be "a problem" and that "field losses have been high"

He thinks the soybean varieties have been developed primarily for the cornbelt area and "haven't given the response here that they have in the mid west"

Possibly as a result of these other factors, the yields per acre in this area haven't been large enough to give the farmer the kind of return he needs to grow soybeans as a cash crop "We don't get excited about soybeans"

Lueck noted that Lancaster County's rich soils are not particularly an advantage in soybean production Soybeans don't seem to notice much difference between rich and poor soils, he said, and don't respond well to fertilizer

As a result, soybeans actually catch on much better in areas with poorer soils

Southeastern Pennsylvania is the only part of the state with the full growing season necessary for soybeans, he said, and the high protein crop is grown to a limited extent The biggest soybean area in the state is Bucks County More of the crop is grown in Lebanon than Lancaster County

The soybean is highly important in dairy and poultry feeds Soybean meal, Lueck said, is cheaper than cottonseed meal and other protein sources because of the huge quantities grown in relation to other high protein feeds

Soybeans are generally used as a feed supplement

In 1966 some 243,000 tons of soybean oil meals were consumed in the state's farming operations.


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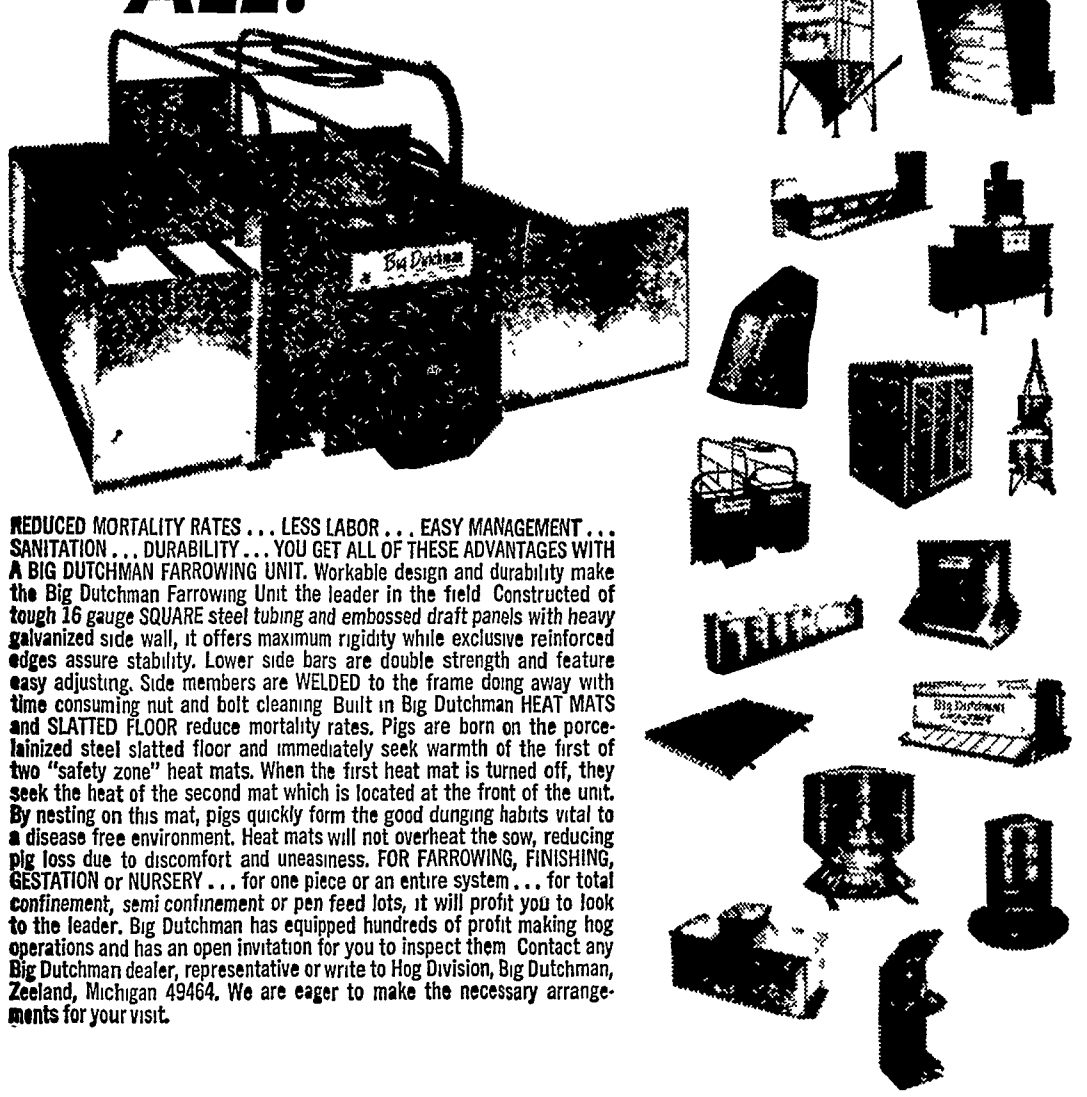

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# Soybean Oil Use Grows in U. S.

(Continued from Page 25)

showed a definite rise in this kind of consumption This seems to be related in part to the rising percentage of young people in the population From my observation, I would suspect that additional factors are television and professional football

We no longer eat three times a day eating seems to be a continuous process, especially on week ends

It is plain that Americans are eating much more meat and poultry than was the case a few years ago And what's more, consumers are paying less for these choice food items each passing month on a trend basis in relation to other consumer goods This is quite a tribute to the American farmer — whether consumers realize it or not And I am afraid they do not realize it

Between 1960 and 1969, per capita consumption of red meat in this country rose from 161 pounds to 182 pounds with a rise in beef consumption that was most striking Beef consumption per person went up from 85 pounds per capita to 110 pounds

The consumption of poultry also went up in a spectacular way — from 35 pounds in 1960 to 48 pounds in 1969 — a rise of one third Thus the combined consumption of meat and poultry went up from 196 pounds to 230 pounds **per person** in nine years The average American is eating a higher quality protein diet than ever before, by far

The steady upgrading of diets in America promises continued growth in opportunity for farmers who produce feedstuffs and animal products

To Americans, good living means meat and milk, poultry and eggs, and a rising population with rising living standards means opportunity for this sector of agriculture Good living also seems to mean more snacks — more carryout foods

The same influences are at work around the world We could cite trends in Japan, in Korea, in Taiwan that add up to growing markets for feed ingredients and vegetable oils — soybeans to you!

Western Europe continues to expand per capita use of animal products, although the European protein foods via the price Community shows a disturbing technique. But this is another tendency towards rationing high speech.

## Large U. S. Soybean Output

(Continued from Page 24)

ed that the capacity to produce—the capacity to process—is determined by the level of capital investment flowing into production machinery

The prosperity of your soybean industry is affected by the situation prevailing in many other industries Your industry is affected by world events; your industry is affected by the ability of all of us to influence and help shape events and economic trends in the world.

This is why it is good that you consider the broad policy questions influencing your business It is also why I am pleased to have been with you today

## Lanchester Club Plans Riding for Handicapped

Plans for a new program of horseback riding for handicapped children have been announced by Lanchester Pony Club Mrs George Hassler, II, Hidden Acres Farm, and Joseph Little, RD3, both of Quarryville, are the District Commissioners of Lanchester Pony Club

A group of Lanchester Pony Club members and their parents recently met with Miss Maudie Hunter-Warfel, founder of the National Foundation for Happy Horsemanship for the Handicapped, Inc Miss Hunter-Warfel explained the therapy program and showed a film of foundation activities

Lanchester Pony Club will train their members and their parents to work on a weekly basis with a group of handicapped youngsters They hope to interest 4-H clubs, Boy Scouts, and Girl Scouts in helping with the program Their efforts will be directed by Miss Hunter-Warfel of Mon Ami Le Cheval, Middletown, Del

Funds raised at the Lanchester Pony Club horse show on May 2 at Pony Club Headquarters at the John Gibson farm at Drumore, will finance this new program for the handicapped


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What makes BUX so special? A lot of things, including effective season-long control. Just a single application of BUX at planting time keeps corn standing tall right up to harvest. Besides that BUX offers several "extras." Extras no other rootworm insecticide can give you.

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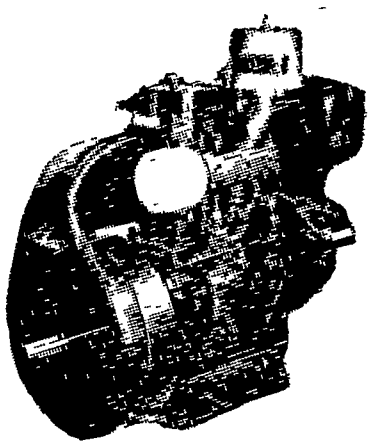

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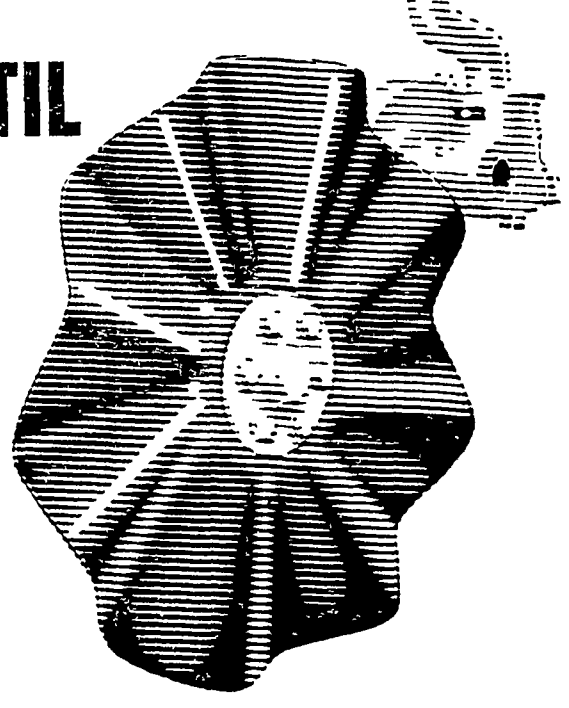

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## Across the Editor's Desk

The reply of "Uncle Dudley" in a recent edition of Nation's Agriculture to an irate anti-chemical reader concerned about the future of her two children is worth noting Dudley said of the two children:

"They are likely the healthiest little girls mankind has ever seen, with the possible exception of a few girls in Sweden, Switzerland and Norway.

"They will grow up with little fear of diseases which once killed a high percentage of children

"They will live longer than humans have ever been privileged to live (which has always been considered a valuable thing, and I suppose it will still be so)

"They have the greatest selection of foods that any civilization has been able to offer.

"They now have the cheapest food in the history of mankind (measured in percentage of wages) which is probably the greatest factor in our high standard of living. This frees people from growing vegetables so that they can build cars, television sets, bathrooms

"In view of this, can you really condemn our scientists and our chemical industry and our country? It seems to me a pretty good place to live," he said

He continued, "I am happy that organic gardeners don't have to buy an ounce of fertilizer or insecticides No farmer will disagree with the principles of organic farming, but the idea that he could find enough vegetation to cover fields with three inches of compost is straight out of fairyland"

While noting the benefits of having agricultural pests taken care of by their natural enemies, he said, "If all the organic gardeners in the nation saved all their crops for the city of Chicago, people would be starving in the "windy city" within a week's time

"I truly am glad that you and your neighbors are interested in protecting our environment We just want you to examine all the evidence critically, and try to decide what is practical and true"

### Apple Referendum Set

State apple growers will vote on whether they wish to continue an apple marketing program which they adopted three years ago

The referendum will be held May 7, with 440 producers with 500 or more trees each receiving ballots Ballots must be returned to the department of agriculture, Harrisburg, by noon May 21

Producers will vote on whether to continue the present assessment of three cents per hundredweight on apples sold for the fresh market and one cent on apples sold for processing for promotion of the sale and use of Pennsylvania grown apples

# How to Stop Milk Losses From Garlic

Each Spring, dairymen across the state lose business because of the wild garlic plant which proliferates in open fields It is the largest reason milk is rejected for being off-flavor.

The loss today often is compounded because of bulk tank handling, and if garlic flavors should get into the milk as much as two day's supply can be lost

Interstate Milk Producers Cooperative says the problem can be eliminated in two ways

First, proper grazing management, and second, eliminating garlic from pastures

Management tips include

Keep cows off of pasture until grass and clover are five to six inches high Because garlic comes up first, placing cows on pasture too soon can cause them to eat garlic because nothing else is available

Feed plenty of hay, silage and grain just before the cows go on pasture

Keep hay in the rack in the pasture at all times

Clip tall garlic from heavily infested pastures, and grazing with dry cows and heifers before turning milk cows in to feed

Keep garlic eating cows and heifers out of the same barn as those milking The breaths of the contaminated cows will effect milk flavor

Allow milk cows on pasture only a short time, increasing time out over a period of several weeks

Place milk cows removed from pasture in a two or three acre lot or well ventilated barn

Feed milk cows a little dry feed, with plenty of water available.

The only good alternative is to develop a long range spraying program to eliminate garlic from fields entirely

If there is any suspicion that there is garlic flavor in milk, it should be inspected carefully Even a very light flavor can cause the milk to be rejected.


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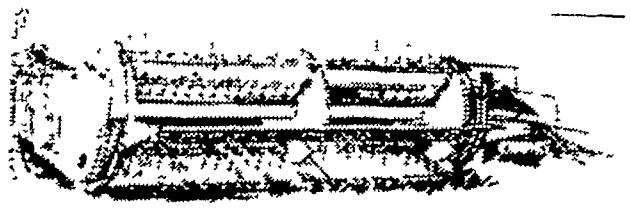

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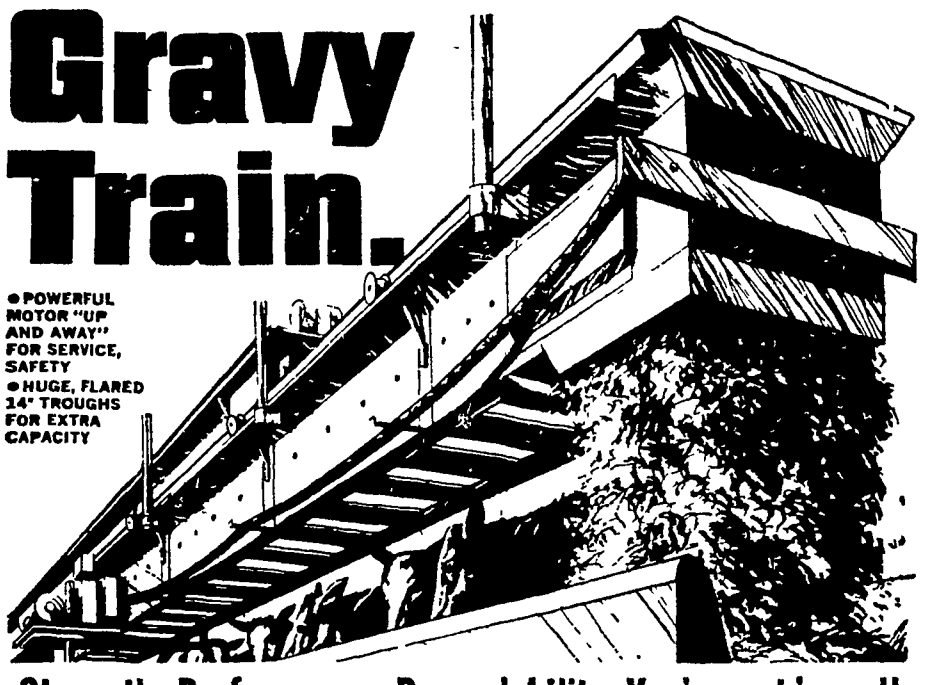


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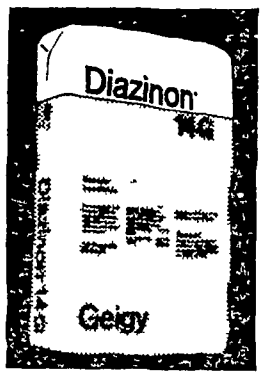


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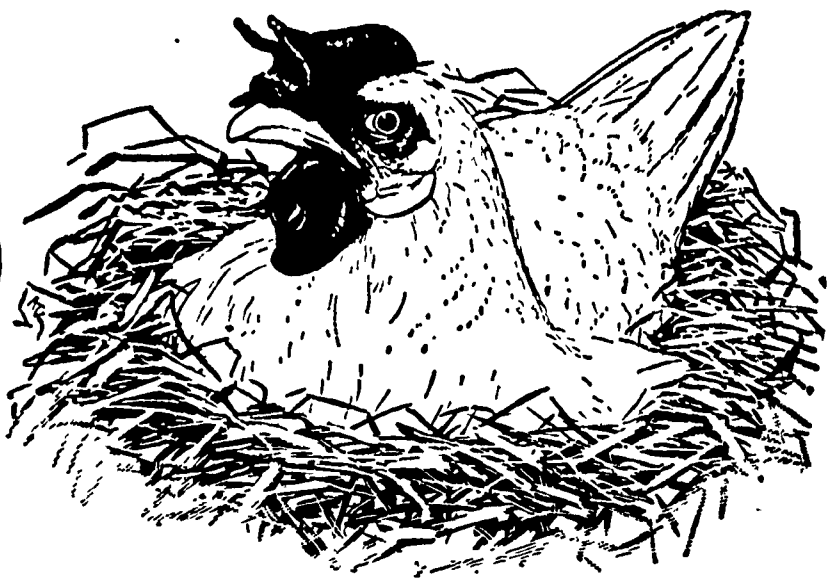

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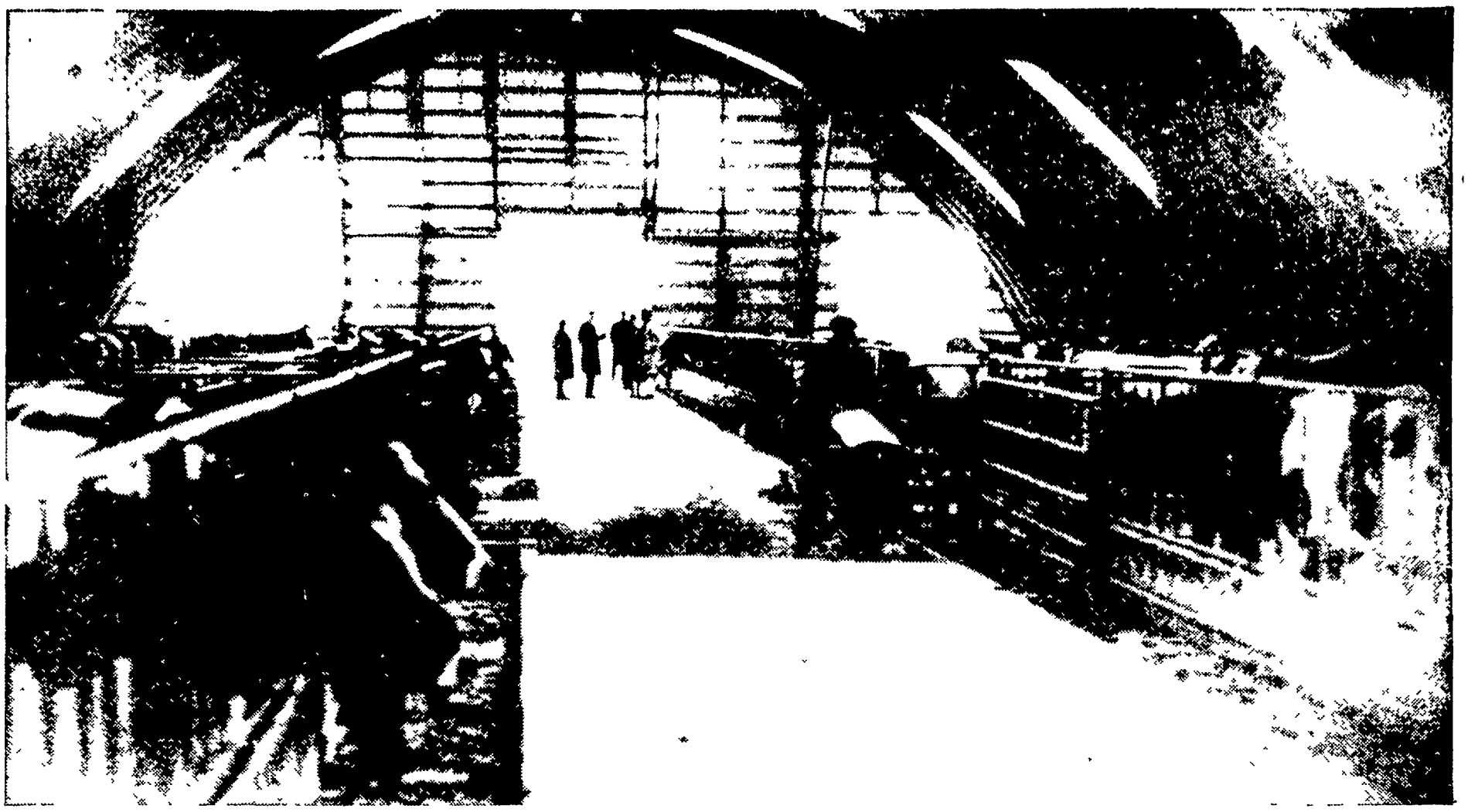

A large driveway runs down the barn Cattle are in four separate areas on either side. Huge laminated beams, covered with aluminum, form the half-circle shell.

*Latest in Free Stall Housing Draws Dozens*

# Huge New Dairy Barn Toured

Some 75 to 100 area farmers attended the open house tour of the new barn at the Triple G farm at Stevens RD1 recently

Designed for 270 milk cows, the main section of the huge barn which houses the animals is shaped like a culvert cut in half length-wise It's 300 feet long—as long as a football field —and 86 feet wide

Connected to the middle of one side of the barn like the bottom of a T is a 114 by 45 foot section for milking, breeding and milk processing, functions outside the cattle living area

**Wouldn't Change**

Irvin Graybill, who operates the dairy, said he has been milking with the new set-up for a year now and if he could start over, there's "very little I would change"

He would have made the building four feet wider to allow a little more drive down space in the cattle areas for cleaning purposes, he said

But overall, he's very satisfied "I've never had cleaner cows," he said

And he milks the 150 Holsteins now in the barn in an hour and a half, the same amount of time it previously took him to milk his 37 cows before he and two brothers pooled their resources to build the new barn

"It took me longer to get used to that (milking so many cows so fast) than it did the cows," Graybill said

He has 25 heifers and is gradually increasing the size of the herd to the barn's capacity

**To Meet Demand**

"I'm developing the herd to meet the demand as it grows at the store," he explained

The store, operated by his brother Donald, is the outlet for the farm's milk It's sold for 45 cents a half gallon and 90 cents a gallon out of the store located near the Reamstown Denver intersection on Route 222 just north of Ephrata The store is about a half mile from the new barn

Graybill said the entire production of the 150 cows is sold at the store Sometimes there's some extra milk that has to be sold elsewhere and sometimes it's necessary to buy some milk to meet customer needs, he said

The brothers started selling milk in the fall of 1966

A third brother, Arthur, runs a layer operation of about 10 000 to 12,000 birds The eggs are also sold at the store

**Income For Three**

Asked why the Graybills decided to retail their produce, Irvin confirmed there's a good income from the retailing end It was necessary to branch out to give all three brothers a good income from farming, he said

"I wouldn't recommend it (both production and retailing) for one man," he said He said the dairy operation alone is plenty for one man Altogether "three fellows can run" the milking operation, including hired help, he said

This includes growing most of the feed for the animals He buys some corn Each animal consumes six pounds of hay and eight pounds of high moisture corn a day, plus corn silage

The hay is fed once a day, silage twice and corn is fed in the parlor and to certain groups in the barn

Just outside the barn, a 24 feet diameter sealed silo for haylage is under constuction It's 76 feet high

**Bunker Silo**

Nearby, a 150 by 40 foot bunker silo still has some corn silage in it after being used over the winter

Graybill said he would have to build three standing silos to hold as much material as the one bunker silo and it costs only a fraction as much to build the bunker silo

Roger Grout, Penn State agriculture engineer, who supplied Graybill with some technical information on the new barn, said the facility is "one of only a few in the state with a drive down center" The driveway enables a tractor to drive in one end of the building and out the other end

In addition, there's an open area at the top of the leg of the T. The perpendicular open spaces actually divide the cow area into four separate pens

**Animals Grouped**

Graybill makes several uses of this split up of the herd. He groups the animals according to production Now, for instance, he keeps the non-producing heifers to themselves in one pen

The grouping also assists milking. He milks 18 animals at a time The remainder of the animals in a pen, up to 57, can be enclosed in an area just outside.

As the animals are milked, they are routed back into the pen, providing a continous flow of animals that makes an uninterrupted milking operation possible The smoothness of the operation helps explain how all 150 animals can be milked in an hour and a half, Graybill said

Grout said the drive down the center "has a lot of possibilities" and can be used for "any number of feed arrangements"

Victor Plastow associate county agent, noted the bunker feeding can be done in four or five minutes The feeding by chuck wagon eliminates the costly installation of an auger system, he said

Plastow also noted that the drive area makes possible viewing of the animals without wearing boots

**Enclose Free Stall**

Within the four individual pens, the animals are free to rest in two rows of stalls, move in the circular walkway or eat

(Continued on Page 36)

Irvin Graybill (right) discusses his new dairy operation with some visitors recently.

Lancaster Farming

THIRD SECTION

## State Temporarily Halts Land Leases for Cabins

The Department of Forests and Waters, effective April 30, 1970, will temporarily discontinue the leasing of small tracts of State Forest Land for the purpose of erecting vacation cabins

Since the leased camp site program was initiated in 1915, almost 4,600 such leases have been issued by the department to individuals and groups, providing opportunities for group and family vacation in State forests

The department's Bureau of Forestry is currently preparing new Forest Resource Plans for all of the State forests In order to properly fit the leased camp site requirements for the future into these over-all Resource Plans, it is essential that no new leases be granted until the plans have been completed It is estimated that this project will require about one year.

# Berenson Says Pennsylvania Should Figure in Egg Prices

Sam Berenson said at the recent meeting of the Pennsylvania Egg Marketing Association, "Presently a great deal of confusion exists on egg pricing The inventory and longs and shorts of the Pennsylvania Exchange are published in the Urner-Barry report each Tuesday.

"In view of the fact that Pennsylvania is fifth in the industry in the nation, and inasmuch as we are located in the "Egg Basket" area, the Pennsylvania situation should be a factor in establishing egg values

"An attempt will be made to have a representative of United Egg Producers attend the next Pennsylvania Exchange meeting to try to develop a system of working together"

In general discussion on truck expenses it was stated

Individual truck information is more important than total fleet costs

Agencies should take advantage of short courses where transportation personnel may go to obtain up-to date information

A study should be made on the types of oil, types of filters, periodic check on condition of oil, and a choice of oil geared for the area where trucks are used.

One of the major problems in cost control is delays in unloading A single super market may have nearly 200 trucks unloading in a six day period.

Transportation efficiency can be measured better with information on cost per mile, cost per case, cost per dozen, total other costs, including labor costs

Definite techniques can be applied to routing. Preventive maintenance is exceptionally important.

## USDA Buying Egg Mix

The U S Department of Agriculture recently announced plans to resume purchases of egg mix to replenish the supply of this high quality protein food

Purchases will be made with funds authorized under section 32 of Public Law 74-320 The product will be distributed to supplement the diets of needy families

In 1969 USDA purchased 15 million pounds of egg mix, all of which has been distributed The egg mix is used to provide a source of high quality protein in the diets of persons receiving foods donated by USDA

Egg mix is a dried product consisting of 51 per cent whole egg solids, 30 per cent nonfat milk solids, 15 per cent corn oil, and one per cent salt

The whole egg used in the mix must be processed from shell eggs of current domestic production and the mix must be processed in plants operating under the voluntary egg products inspection program of USDA's consumer and marketing service


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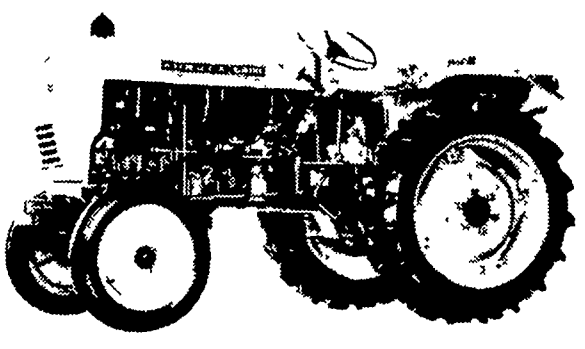

That's the Kubota L-200 . . . the most versatile, compact tractor with big tractor muscle for all farm jobs . . . equipped to work harder, last longer and cost less than any other tractor in its class. Come in and look it over.

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*As USDA Completes First 100 Years*

# 60s Decade of Progress

Research helped make the 1960's a decade of development in all phases of agriculture — technology, production and distribution.

There were advances in fertilizers, seeds, feeds and planting practices (such as narrow-row corn) which increased yields

The laboratories yielded flame-proof fiber treatment, wash and wear fabrics, advances in dehydration methods for coffee, fruits vegetables, meats and dairy products

And specialists helped design new models of packaging, distribution and storelayout

The 60's also saw marked improvements in USDA's continuing program of crop reporting—improved data processing and the use of new techniques such as aerial photography and remote sensing from space, according to the USDA.

Formula feeding of livestock and poultry developed in the 1960's Minerals, antibiotics and other microingredients were added to concentrated feeds, boosting livestock gains more efficiently and economically to answer rapidly growing demand.

Increased consumer appetites for meat, a growing population and larger personal incomes have spurred the increased production of meat and poultry The 1960's also saw shifts in feedlots and poultry farms south and west of the Corn Belt

New grain developments emerged in the 1960's New short-stemmed rice varieties have boosted production since 1967, both in the United States and in lands such as India, Pakistan and the Philippines

An international effort, the rice research was supported with both public and private funds The new strains of rice were derived from Asian grain, planted in experimental fields of the International Rice Research Institute in the Philippines

"Mexipak" and similar new varieties of wheat another international development, paralleled the success of the new varieties of rice, and helped boost grain yields in developing world areas.

Soybeans became the U S farmer's big success crop of the decade, as world demand for oil and protein expanded Growers found many new varieties of soybeans, developed for different climates, a profitable substitute for more traditional crops

Important genetic discoveries also came from the laboratories in the 1960's For example, USDA's Beltsville facility produced 'fatherless' turkeys — born by parthogenesis that is from the double chromosomes of unfertilized hens' eggs Parthogenesis, they found, also occurs in other poultry (However parthogenetic offspring aren't robust enough for commercial production )

The laser beam is also making its mark in agriculture USDA devised a method of using lasers to keep machines on a straight course while laying continuous plastic tubing for field drainage

And in the 1960's innovations were introduced in food packaging and marketing Industry, government and universities all contributed to this progress

Food laboratories have produced processes including freeze-drying, dehydrofreezing, vacuum and spray-foam drying of foods Freeze-dried food items gained shelf space in the 60's, as demand for convenience forms advanced

Other new "market accepted" foods include boil in the bag foods, low calorie diet foods instant dry skim milk, potato flakes, sweet potato flakes, artificial sweeteners freeze dried coffee, mixes, salads, egg mixes, cheese dip, mixes for making milk shakes, salad, gravy, custard, cake, bread, biscuits and rolls, artificial orange juice, artificial milk shakes and other dairy products, snack foods imitation flavors, and nutritional supplements including protein supplements

Many new foods now feature built in 'chef service" and 'maid service" This means different and higher quality convenience foods are now available that are better than the busy housewife usually has the time to prepare.

One recent study estimates that items introduced in the last decade accounted for 55 per cent of items handled and 52 per cent of sales

Further techniques in packaging and transportation have brought greater efficiency and economy in food handling Such improvements have resulted from general use of the bulk box, fork lift truck and automatic dumping equipment Big John" bulk freight cars unit trains, adaptation of carbon dioxide or liquid nitrogen as cooling agents for refrigerated trucks and improved equipment for air transport

New packaging techniques popularized in the 60's include aluminum containers, new lightweight steel cans, tab-pull openers, food pouches of combined laminations of plastic, paper and foil, flexible films, and plastic containers

For stock control there is a new computerized checkout in-

(Continued on Page 32)


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Hours: 6 to 10 weekday evenings
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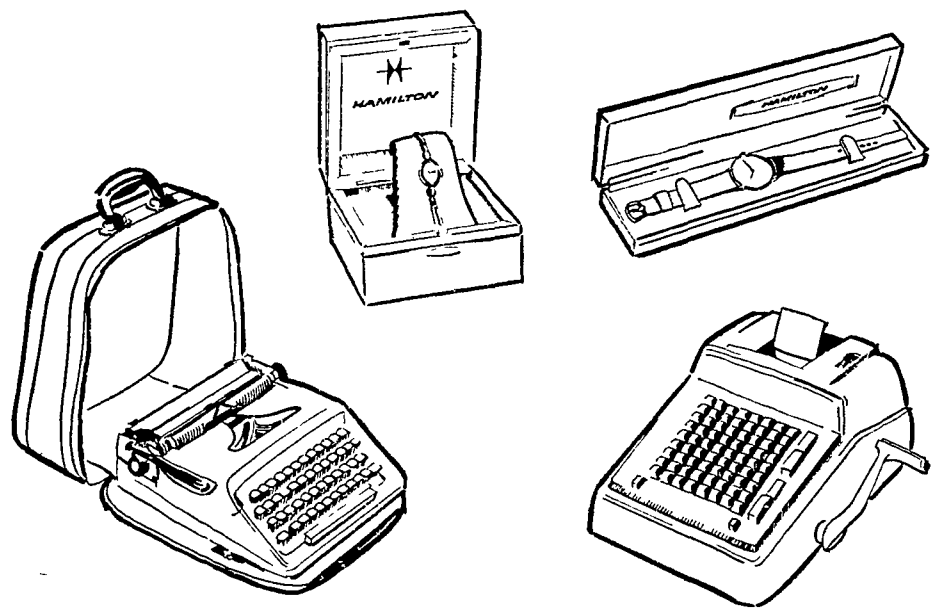


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This year, New Holland celebrates its diamond anniversary . . . 75 years of service to agriculture. You can join in the celebration by taking advantage of our Diamond Anniversary Bonus program during April and May. When you buy a new New Holland baler, precision-cut forage harvester or Haybine® mower-conditioner, you'll receive a special gift. Take your choice of one of the following: Man's diamond-set, 17-jewel Hamilton wristwatch, lady's diamond-set, 17-jewel Hamilton wristwatch, Remington® adding machine or Remington portable typewriter. But remember. Offer is good only during April and May Stop in soon for complete details.

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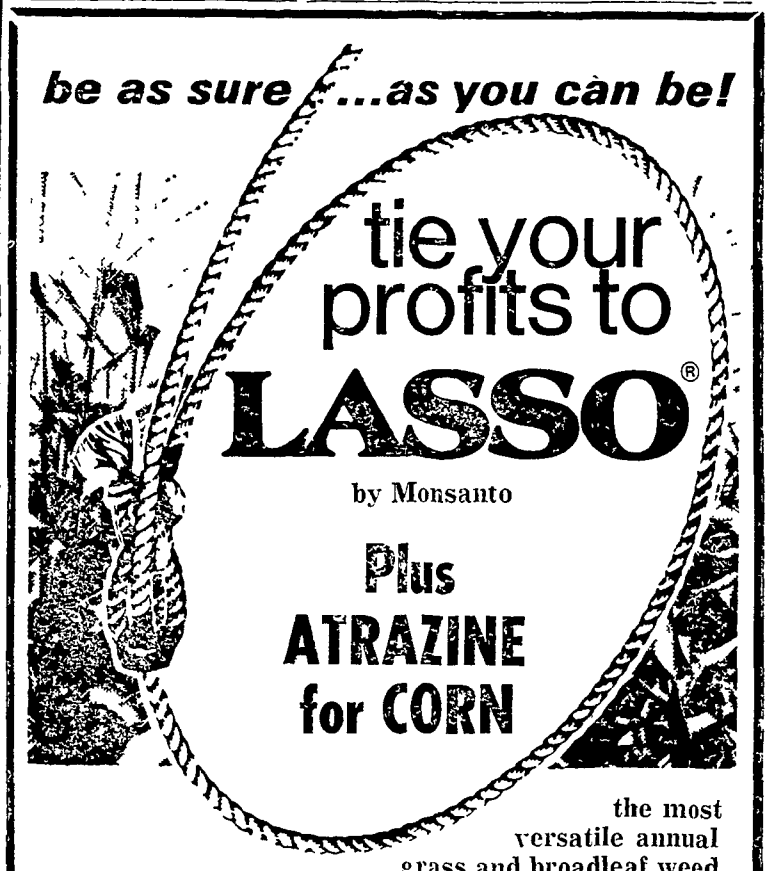

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# Rural People Buy More Meat

Not very many years ago, a veal roast or leg of lamb served up for family dinner might have brought a tear to the eye of a youngster.

For it wasn't too long ago when many families raised their own meat, and children were personally acquainted with their main courses.

Nowadays, store bought meats spare our youngsters such pain.

In cities, consumers rely almost exclusively on purchased meats. And rural nonfarm families get less than seven per cent of the meat they eat from home slaughter or sources other than purchase, according to the USDA.

Only on the farm is home meat production still at all significant — and even there it's far less important than it once was.

The last nationwide household food consumption survey, taken in 1965, showed that farm families raised and slaughtered about 46 per cent of the red meat they ate at home.

A decade earlier, home meat's proportion of total farm use had totaled 49 per cent.

But farm families weren't really eating less home produced meat in 1965 than before.

In fact, their 1965 weekly per capita homegrown helping averaged over 1.5 pounds — a tenth of a pound more than a decade earlier.

It was just that farm families' overall consumption of meat, especially store bought meat, rose so much that it lessened the importance of their home meat production.

More and better refrigeration in farm homes has played a big part in allowing farm families to indulge their appetite for meat, especially beef.

In 1965, beef made up roughly half of farm families' total red meat consumption.

Always before, pork had been the No. 1 meat, because of its storability when cured. But by 1965, pork made up only a third of farm families' meat menu.

## 60s Decade of Progress

(Continued from Page 31)

ventory and ordering system currently being tested by retailers.

One of the historic duties of the USDA is crop, livestock and price reporting.

The Statistical Reporting Service completed a century of continuous reporting in 1966, and in that year expanded data processing facilities to include the latest electronic equipment. This insured rapid computation of data with less work and high accuracy. The 1960's also saw more use than before of probability sampling for greater accuracy.

In the 1960's, SRS enumerative and objective yield surveys became operational throughout the United States. These services are constantly being improved.

Other new techniques for field surveys include remote sensing—aerial photography and photography from space. Remote sensing gathers "picture data" of crops and livestock. In this way large-tract items such as citrus groves, divided-use lands and wildlife or range livestock can be accounted for quickly and with surprising accuracy. High altitude photos can save time and money for data otherwise difficult to collect.


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FEED PURINA DAIRY CONDITIONER

As a dairyman, you know that good milk production doesn't just happen. It's something you plan for by establishing a herd with the genetic potential for good production, then managing and feeding your cows so they'll produce up to their bred-in ability.

Many successful local dairymen also plan for good production with a proven program of dry cow feeding. They need Purina Dairy Conditioner, a research-proven ration to help give dry cows body condition they need for good production after they freshen.

Purina Dairy Conditioner is an extra-palatable 12½ percent protein ration. It's fortified with vitamins A and D plus extra phosphorus to help guard against milk fever.

Purina Dairy Conditioner is low cost, too, because the amounts you feed depend on your cows' condition and on the quality of the roughages you feed. For example, a cow dried off in good condition being fed high-quality roughages would require less Dairy Conditioner than a cow in only fair condition being fed fair quality roughages.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to show you how Purina Dairy Conditioner can help you prepare your dry cows for good production next lactation.

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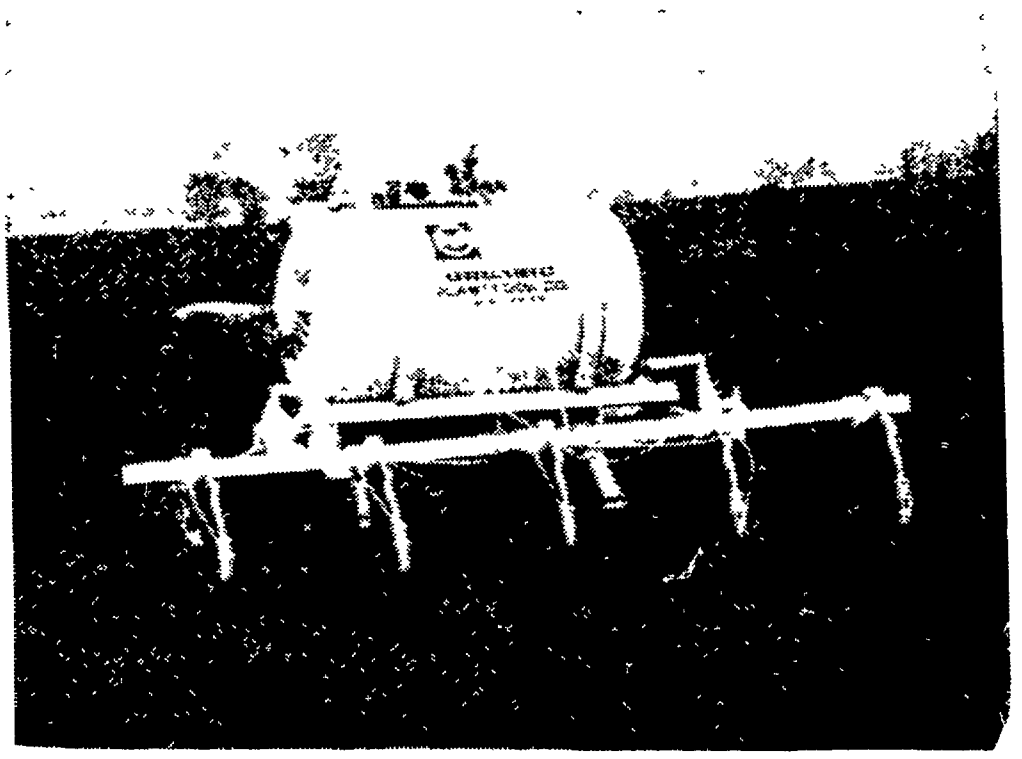

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# Loans to Low-Income Rural People Available

Loans to enable low-income rural people to establish small enterprises will be increased this spring under an additional allocation of loan funds for the rest of fiscal 1970, Administrator James V. Smith of the Farmers Home Administration announced recently.

Funds also cover farming and cooperatives that provide services, supplies or facilities to these rural people.

The Office of Economic Opportunity has provided $4 million for loans to be made in April, May and June through the nationwide county office system of the Farmers Home Administration, a Department of Agriculture credit agency

The so-called "economic opportunity" loans underwrite the self-help efforts of low income families to earn more by improving their production on small farms, by establishing, improving or expanding small business enterprises needed in their rural localities, or to form cooperatives to supply goods or services such families can use in efforts to improve their income

"Loans of up to $3,500 can be made to buy tools for men with carpentry or mechanical skills, to purchase sewing machines and other equipment for seamstresses, and so on through a list of hundreds of kinds of small family enterprises," Mr Smith said

Loans may be secured by liens on equipment or other property and are scheduled for repayment according to the ability and income pattern of the borrowers. Loans are made at 4⅛ per cent interest Repayments is scheduled over a period of one to 15 years for individuals and up to 30 years for cooperatives.

Loans are made through the 1,700 county offices where the Farmers Home Administration carries on its regular farm, housing and community facility loan services throughout the rural United States


**Want ripe ears on green stalks next year?**

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**Lititz, R. D. 3**

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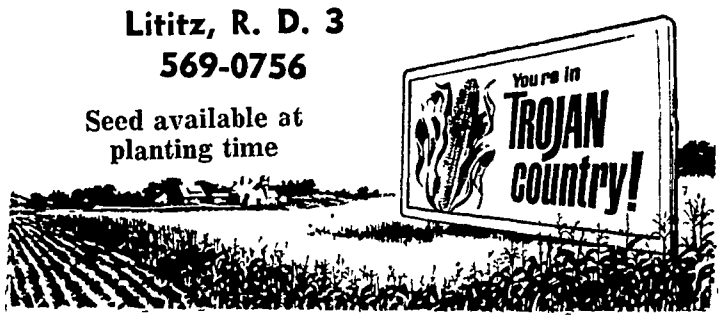
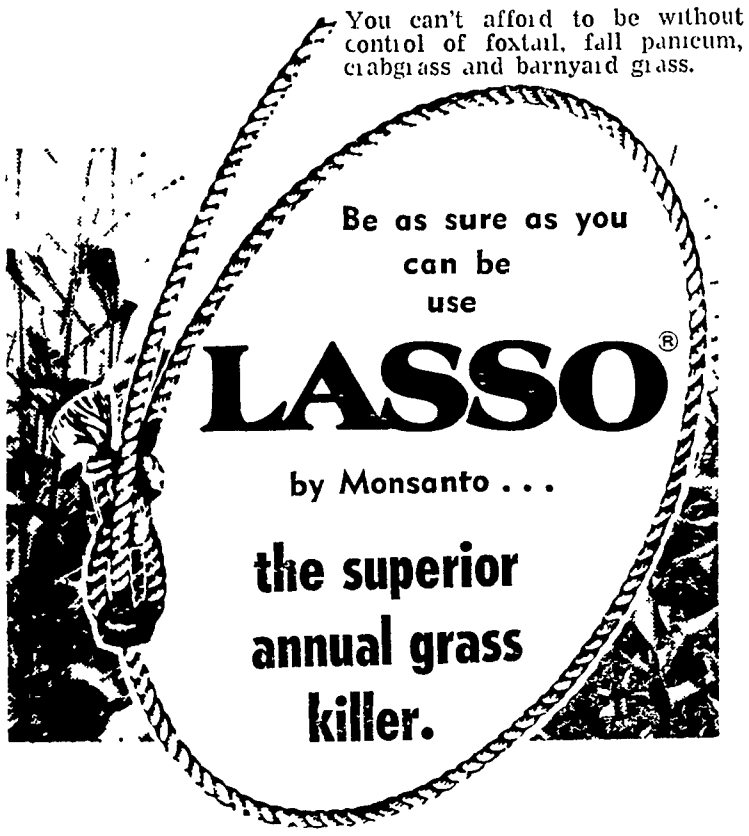
Seed available at planting time




**ATTENTION - CORN GROWERS!**

You can't afford to be without control of foxtail, fall panicum, crabgrass and barnyard grass.




For control of these grasses and problem broadleaf weeds . . . . use LASSO plus Atrazine.

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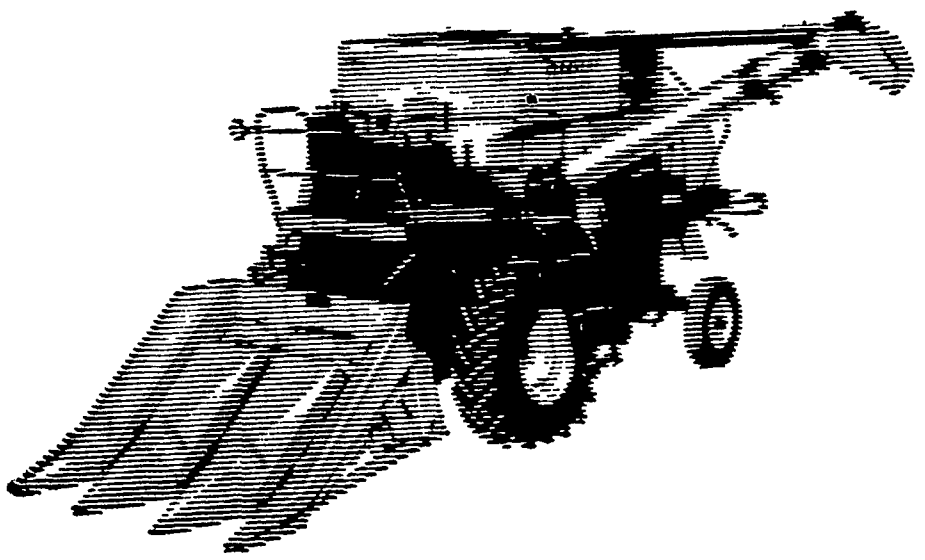
***GLEANER* MODEL K COMBINE**



**THE ECONOMY COMPACT FOR ALL-CROP EFFICIENCY**

YOU can't find more capacity or better performance in a combine this size. Efficiency is built into the Model K *Gleaner* combine.

The engine is only 78 h.p., but because of true center-line design you get more power, more traction, faster operation than with most larger machines. The cylinder measures only 27 inches, but it works from end to end . . . not just in the middle. Separator area? Only 5,449 sq. in. with walkers extended, but the big-capacity shoe, plus two-fan cleaning, brings home more of your crop with greater efficiency than many of the "giants".

You can equip the K with 20, 30 or 40-inch corn heads, and a 10, 12 or 13-foot grain header. A pressurized cab, hydrostatic power steering and a host of other convenience features are also available. The traditional performance and durability of a *Gleaner* combine are standard equipment. When it comes to combines, Going *Gleaner* is Going Great.

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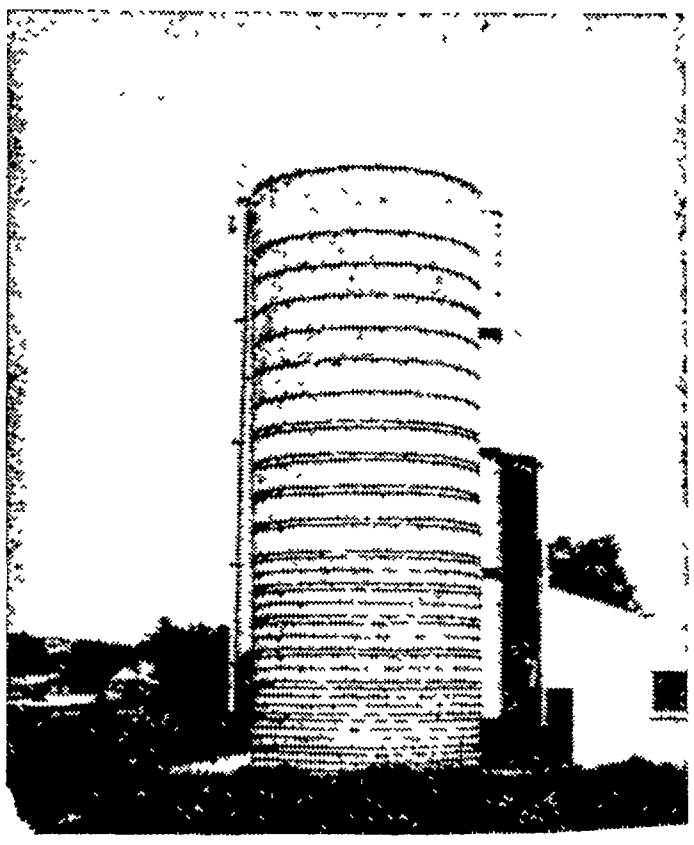

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# World Beef Trade Grows in '60s

For the world's beef industry the past decade has been a period of strong demand unevenly rising production, a general increase in market prices, and unprecedented growth in trade

For the future, there are some question marks, but demand remains strong and further market growth is in prospect, according to the USDA's Foreign Agriculture Service

In the first few years of the 1960's beef production in the major importing and exporting countries increased at the rate of about five per cent a year, keeping pace with the growing demand

By the mid 60's, a decline in production in the major exporting countries held beef supplies relatively constant for a time In the late 60's production again picked up and has increased at an annual rate of 3 4 per cent since then

Meanwhile, demand for beef has continued to climb, resulting in tight supplies and a general increase in market prices throughout most of the world's major commercial markets

World trade in beef—in spite of major deterients — almost doubled during the 1960's and closed in calendar year 1969 at a record level of almost six billion pounds Highlighting the picture were these facts

Traditional exporters—Argentina, Australia, New Zealand — boosted their sales sharply, other countries, chiefly in Central America, became significant exporters

The United States, already the largest producer and consumer of beef in the world, became the largest importer as well, leaving the United Kingdom in second position followed by the European Community

Japan, a small importer in 1960 turned into a major beef customer, along with such countries as Spain, Canada, Switzerland, Greese, and Sweden.

How long and at what rate this growth trend will continue is a matter for conjecture The important fact is that meat remains in strong demand both in the older markets of the world and in many of the newer ones, as well.

In most countries, as in the United States, beef is a highly preferred food which people want to enjoy as often as they can

Only a few countries — the United States, Canada, Argentina, Australia, New Zealand and South Africa — may be said to have truly sophisticated beef production industries These also are the countries of high per capita consumption

In most of the rest of the world beef is largely a byproduct of the dairy industry This means that local supplies are usually quite limited

Moreover even those nations that are making a deliberate attempt to increase beef production, such as Japan and the EC, have erected such formidable protective walls of tariffs, levies, and taxes that internal prices are kept high and consumer use is discouraged. Yet the pressures to import are still there.

## Sheep Scabies Alert

The Department of Agriculture is calling on all commercial sheep shearers to report any evidence of scabies in flocks they clip.

Lancaster County has the third largest number of sheep in the state

Pennsylvania had been given a scabies-free status by the USDA in 1963, after a prolonged attack on the problem Reinfested flocks appeared in seven counties two years ago, as well as last year.


Why

UNIPEL 20-10-10 goes on fast, works all season: because UNIPELS are physically uniform to assure a steady broadcast pattern, chemically uniform to assure balanced plant feeding throughout the growing season.

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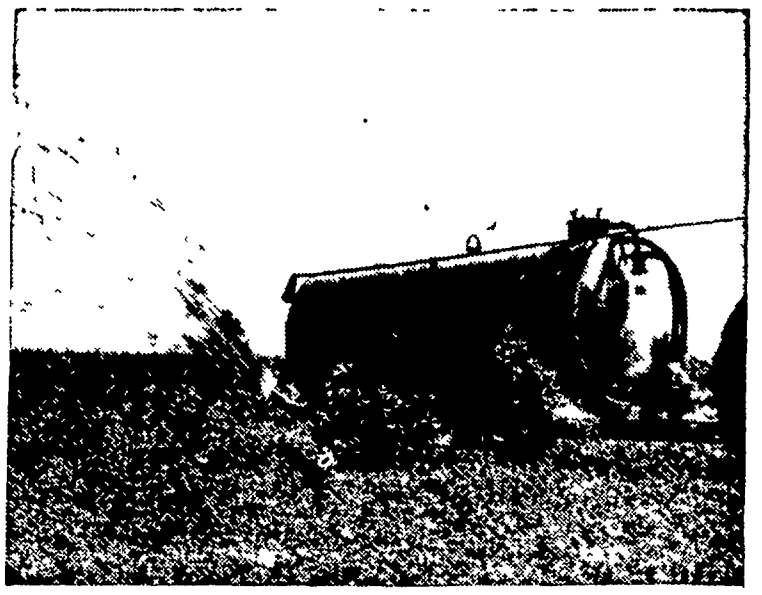

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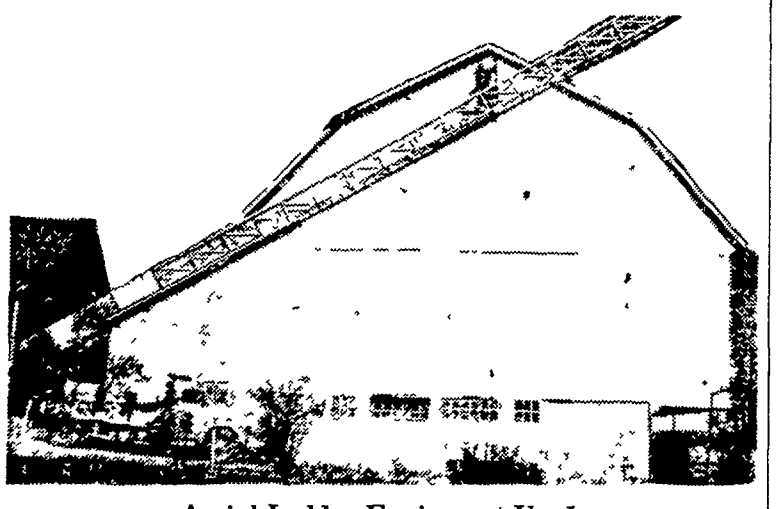

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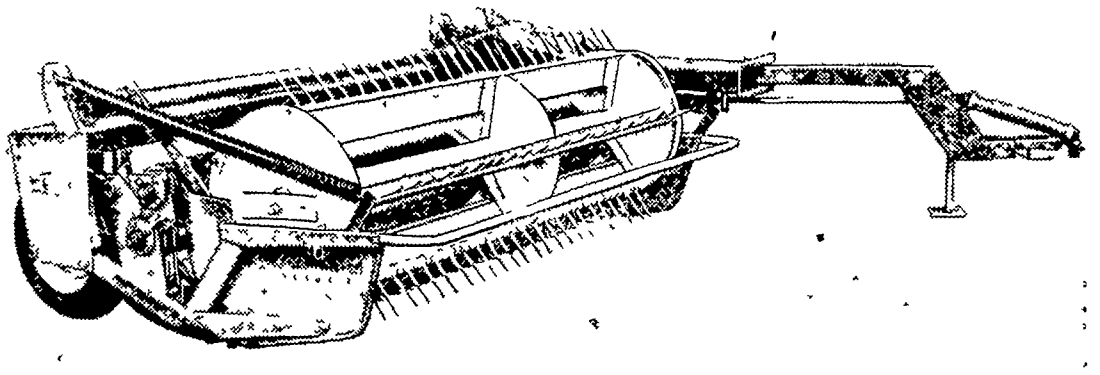

■ Designed to handle heavy crops in rough fields. ■ Extra-strong, box-section cross frame and stout hitch. ■ Enclosed gearbox and roller chain drive. ■ Cuts a full 9-foot swath at high speed. ■ Self-cleaning cutterbar with jaw-type safety clutch kicks out foreign objects, bunched material. ■ Half-section at end of knife eliminates uncut strips between swaths. ■ Knife takes a 3-inch stroke, operates at 650 cycles per minute. ■ Cam-action reel adjustable up and down, fore and aft. ■ Spring-balanced header cuts as close as 1¼ inches, high as 6 inches. ■ Positive conditioning with big spiral-groove rubber and spiral-bar steel rolls. ■ Optional, hinged windrowing shields can be swung aside when not in use.

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*Half Billion Tons a Year by 80s*

# Research Underway on Waste Re-Use

The Departments of Agriculture, Interior, and Health, Education, and Welfare have announced the establishment of a joint research and development pilot project aimed at helping the nation's cities reconvert solid wastes into useable materials

The project is being conducted at Madison, Wisconsin, to develop the technology needed to transform discarded cans, bottles, plastics, paper and other solid trash into materials that can be re used in the economy.

Later on, the Departments hope to build a full scale demonstration facility capable of demonstrating to cities and towns across the county one way to handle their solid waste production The design of this facility will begin this year

The disposal of solid wastes is one of the nation's most pressing environmental pollution problems Last year, municipalities across the United States spent about $4 5 billion to collect and dispose of nearly 350 million tons of solid wastes, much of which went to open land dumps, creating new health and pollution problems By the early 1980's solid discards are expected to exceed one half billion tons annually.

Under the agreement announced today by the three Departments, the source of the materials in the new pilot project will be the municipal waste of Madison, Wisconsin, which is being ground into shreds by a huge grinder The grinder project is a demonstration of the Bureau of Solid Waste Management in the Department of Health, Education and Welfare's Environmental Health Service

Personnel at the Department of Agriculture's Forest Products Laboratory at Madison will separate the paper waste from the grinder's output to convert it to such products as boxes, corrugated board and tissue paper.

The Interior Department's contribution will be to separate the metals from the grinder's output for use in experiments at its laboratory in College Park Maryland The Department's Bureau of Mines already is operating a mechanical process at the laboratory for reclaiming scrap and waste metals The objective is to find ways to reprocess such metal waste as iron and aluminum into an acceptable state — and at a low enough cost — for re use by manufacturers

This summer, the Bureau of Mines plans to send personnel and equipment from its College Park laboratory to Madison to increase its participation in the project

The laboratory now uses metals separated from incinerator residue The waste metal at Madison will be preferable to this because it will be clean and thus easier to process

The Bureau of Solid Waste Management supports research in virtually every phase of solid waste problems — incinerators, sanitary and land fills and in finding new uses for wastes

Ordinary municipal wastes collected annually contain 10 million tons of iron 1 million tons of nonferrous metals such as aluminum, copper, nickel, tin, lead, silver gold, and zinc, and 15 million tons of glass The Bureau of Mines has developed systems that can efficiently separate and recover these materials and can even separate crushed glass into its clear and colored components At present nearly all of these potentially valuable resources, worth nearly $1 billion are incinerated, buried in dumps, and lost

Approximately half the bulk of urban refuse collected by municipalities consists of paper and wood products This amounts to more than 35 million tons of wood fiber annually that is not now being reclaimed At the Forest Products Laboratory in Madison, Wisconsin, Forest Service research has been developing ways to recover and utilize this resource

Re-use of only half of this waste paper would, in effect, reduce the drain on our wood resource each year by 30 million cords This is equivalent to the total timber production from a million acres of forest land


**CHURCH AUCTION**

**Location — Refton Firehouse just off Rt. 222, 8 miles south of Lancaster, Pa.**

**SATURDAY, MAY 2, 1970**

**This annual benefit sale includes:**

**(1) pr. fat hogs, weigh about 200 lbs.**

**Collection of over 300 sets of salt and pepper shakers**

Overhead garage door, complete (good), storm doors, (2) wooden file cabinets, (1) 3 drawer other 2 drawer; metal utility cabinet, kitchen cabinet, wardrobe, end tables, medicine cabinet, light fixtures, electrical supplies, table and floor lamps, books, dishes, hand trimmers and edger, new brooms, trussels, step ladders, receipt rack, small 110 volt electric welder with helmet and carbon torch.

**Many articles and household items too numerous to mention.**

**Plenty of good food on sale by the women of the church.**

**Sale at 11:00 A.M.**

**by THE BUILDING FUND COMMITTEE NEW PROVIDENCE CHURCH OF GOD**

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Your tobacco grows free from most grasses, broadleaf weeds and nutgrass Free from their competition for fertilizer and soil moisture Free from repeated cultivations and cultivator damage to young roots. Free yourself to do other important farm jobs that need your attention.

This year, use economical, dependable Tillam on both flue-cured and burley tobacco acreage. Stop the toughest grasses and broadleaf weeds. . . yellow and purple nutgrass, crabgrass, lambsquarters, wild oats, barnyardgrass, pigweeds, Florida pusley, goosegrass and others that keep your tobacco yields down and production costs up. Tillam 6-E liquid is easy to handle and apply. Mix it into the soil before setting or place it below the soil surface with covered sweeps. No need to wait for rain to push it down to the weed seed zone Free yourself from unnecessary work and worry. . . see us now for your supply of Tillam.

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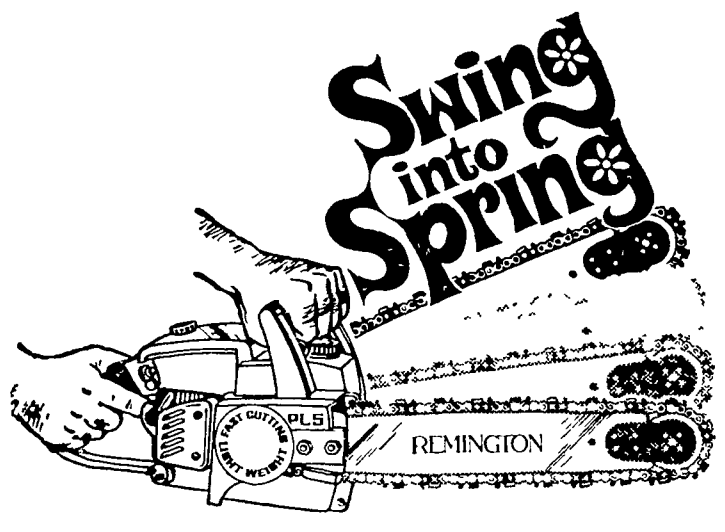


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**LANCASTER UNION STOCKYARDS AUCTION PAVILION**

ALL GRADES AND WEIGHTS

MANY DOOR PRIZES

# Huge New Dairy Barn Toured

(Continued from Page 29)

at the bins along the driveway. Plasow described the arrangement as completely enclosed free stall housing.

The facility has what Graybill terms a semi-liquid manure system. The floor slopes gently toward openings in the center of the building. Each day a tractor pushes the animal waste to the holes which lead to pits underneath.

Although he tries to dispose of the manure more often, Graybill said there's storage area for about six weeks.

**Excellent Ventilation**

Graybill said the domed structure provides excellent ventilation even in the hottest weather. There was no problem with drafts in the winter. There has been no problem with moisture, he said.

He said the hot air rises and escapes at the top and cooler air comes in from the sides just above the floor.

The half circle structure is held together by long, gently curved, laminated beams about three inches by 12 inches which start at the floor and join at the center of the roof. These wooden ribs are covered with aluminum roofing.

Construction of the entire facility took only six months, including time lost when about half the rafters blew down during a windstorm, Graybill said.

Among those involved in constructing the facility were Calvin Smoker, Honeybrook, carpenters; J. B. Zimmerman, Blue Ball, milking equipment; Fred Frey, Quarryville, stalls and petitions; Arthur Shirk, Myerstown, rafters. Representatives from Atlantic Breeders Cooperative and Miller and Bushong were present at the open house.

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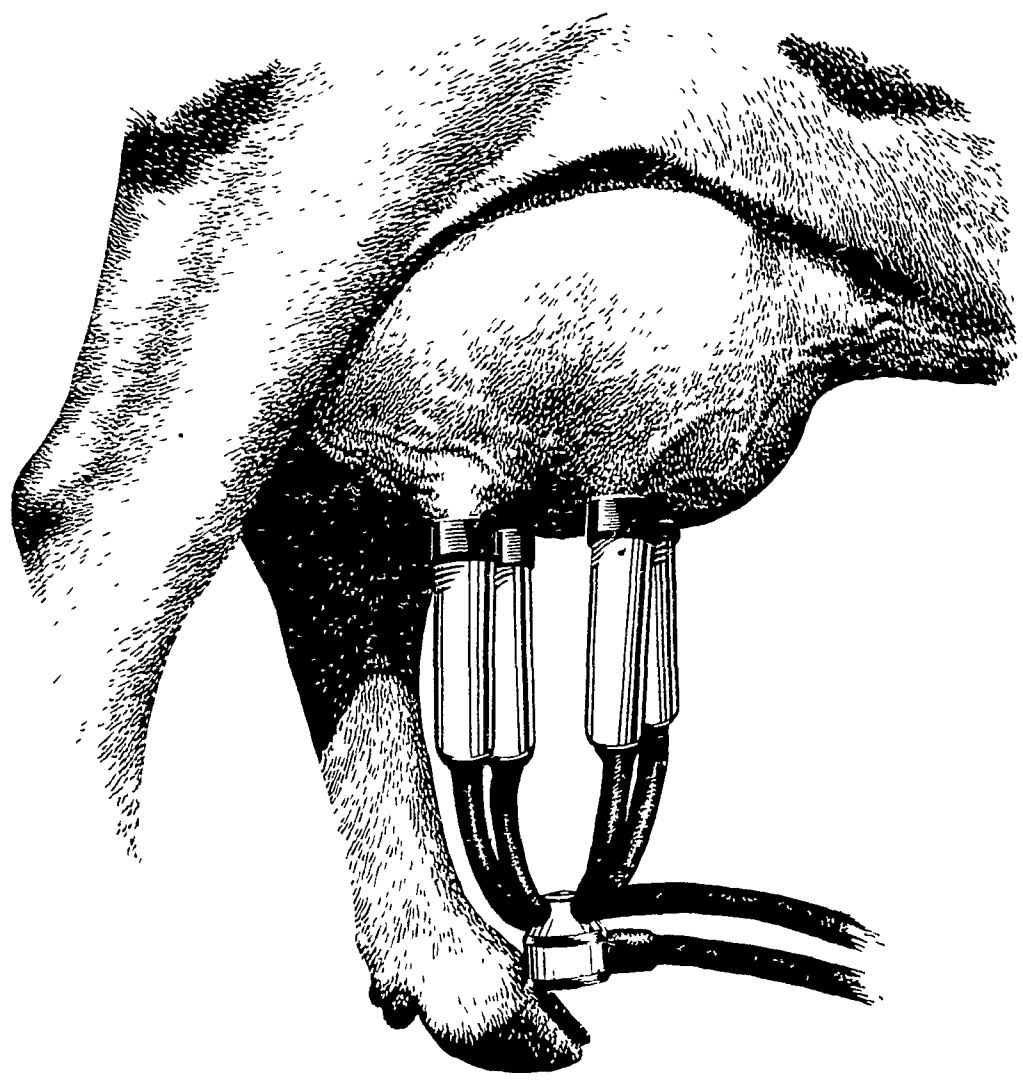

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